

AIR CONDITIONER

Multi : 2rooms type
3rooms type
4rooms type

DESIGN & TECHNICAL MANUAL

INDOOR



AU*G07LVLA
AU*G09LVLA
AU*G12LVLA
AU*G14LVLA
AU*G18LVLA
AU*G12VLB
AU*G14VLB
AU*G18VLB



AR*G07LLTA
AR*G09LLTA
AR*G12LLTA
AR*G14LLTA
AR*G12LLTB
AR*G14LLTB



AR*G18LLTA
AR*G18LLTB



AS*G07LJCA
AS*G09LJCA
AS*G12LJCA



AS*G07LMCA
AS*G09LMCA
AS*G12LMCA
AS*G14LMCA



AS*G07LUCA
AS*G09LUCA
AS*G12LUCA
AS*G14LUCA



AS*G18LFCA
AS*G24LFCA
AS*G24LFCC



AB*G14LVTA
AB*G18LVTA
AB*G18LVTB



AG*G09LVCA
AG*G12LVCA
AG*G14LVCA

OUTDOOR



AO*G14LAC2
AO*G18LAC2



AO*G18LAT3
AO*G24LAT3



AO*G30LAT4

1. INDOOR UNIT

COMPACT CASSETTE TYPE:

AU*G07LVLA
AU*G09LVLA
AU*G12LVLA
AU*G14LVLA
AU*G18LVLA
AU*G12LVLB
AU*G14LVLB
AU*G18LVLB

SLIM DUCT TYPE:

AR*G07LLTA
AR*G09LLTA
AR*G12LLTA
AR*G14LLTA
AR*G18LLTA
AR*G12LLTB
AR*G14LLTB
AR*G18LLTB

FLOOR/CEILING TYPE:

AB*G14LVTA
AB*G18LVTA
AB*G18LVTB

WALL MOUNTED TYPE:

AS*G07LJCA
AS*G09LJCA
AS*G12LJCA

AS*G07LUCA
AS*G09LUCA
AS*G12LUCA
AS*G14LUCA

AS*G07LMCA
AS*G09LMCA
AS*G12LMCA
AS*G14LMCA

AS*G18LFCA
AS*G24LFCA
AS*G24LFCC

FLOOR TYPE:

AG*G09LVCA
AG*G12LVCA
AG*G14LVCA

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1. FEATURES

1-1. INDOOR UNIT

1-1-1. COMPACT CASSETTE TYPE

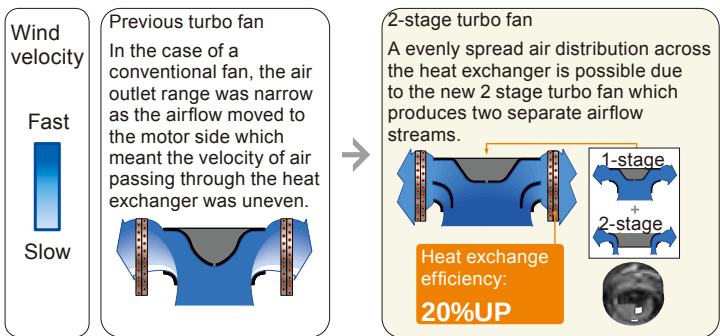
■ **MODELS : AU*G07LVLA, AU*G09LVLA, AU*G12LVLA, AU*G14LVLA, AU*G18LVLA, AU*G12LVLB, AU*G14LVLB, AU*G18LVLB**



■ FEATURES

● 2-stage turbo fan

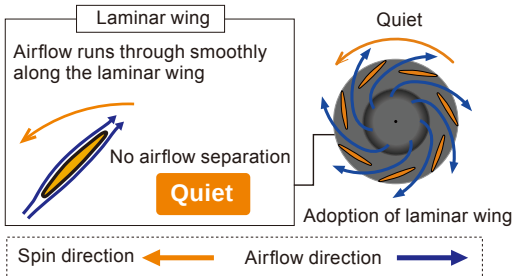
High efficiency design by 2 stage structure



● Quiet quality

Optimization of wing form (laminar wing type) and wing number (7 blades each)

Designed by CFD-analysis (fluid) simulations



● Easy maintenance

① Maintenance of fan motor and fan

Maintenance of the fan motor and fan can be done easily after taking off the panel as the bell mouth of the fan can be removed easily.

A : Fan motor B : 2-stage turbo fan

C : Bell-mouth D : Panel

② Air filter

: standard equipment

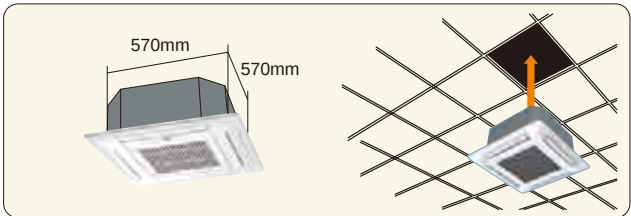
③ Adaptation of transparent drainage parts

During installation, maintenance and operation, the drain pump and kit can be checked easily.

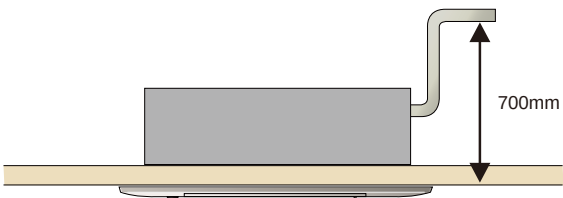


● Compact design

Easy installation by taking off ceiling panel of 600mm x 600mm size

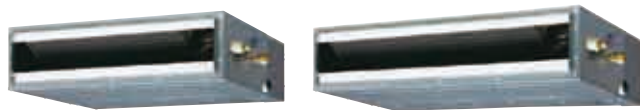


● High lift drain pump



1-1-2. SLIM DUCT TYPE

■ **MODELS :** AR*G07LLTA, AR*G09LLTA, AR*G12LLTA, AR*G14LLTA, AR*G18LLTA, AR*G12LLTB, AR*G14LLTB, AR*G18LLTB

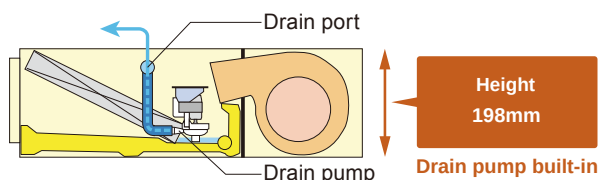


Slim design and wide range of static pressure for flexible installation.

■ FEATURES

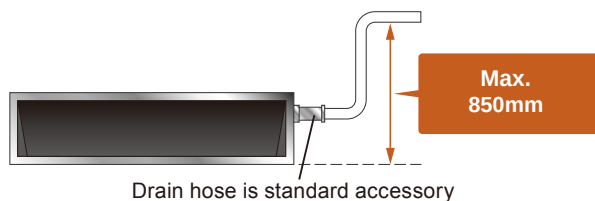
● Slim design

The slim design allows installations where ceilings are narrow.



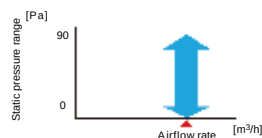
● Compact design

Condensate lift-up to 850mm.



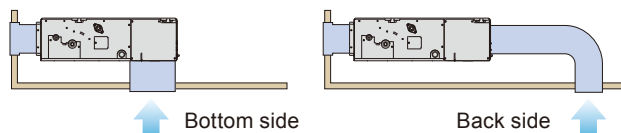
● Selectable wide range of static pressure

By using a DC fan motor, it is possible to change static pressure range from 0 to 90Pa. The change of static pressure range is possible by remote controller.

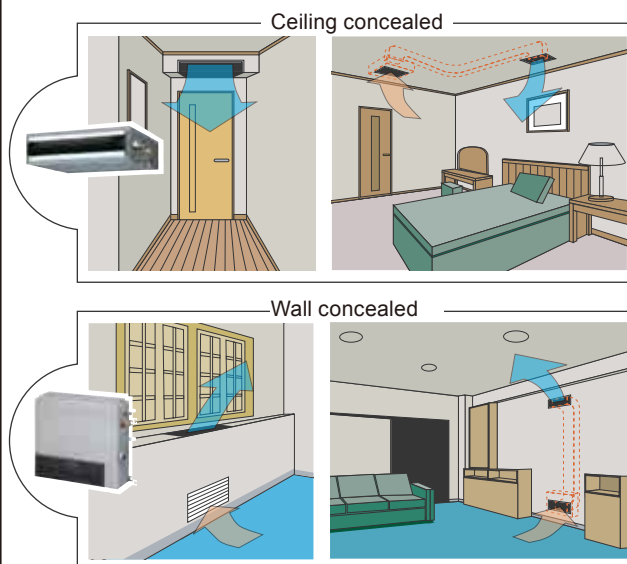


● Air - intake

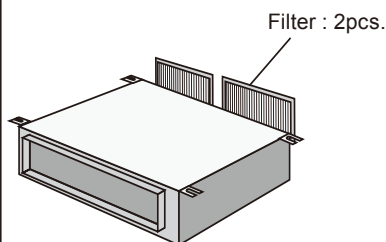
Air intake direction can be selected to match the installation site.



● Flexible installation



● Filter (Accessory)



1-1-3. WALL MOUNTED TYPE

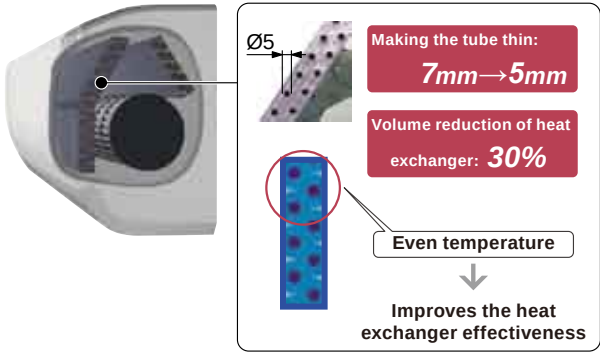
MODELS : AS*G07LJCA, AS*G09LJCA, AS*G12LJCA

Compact and Stylish design indoor unit



FEATURES

High density heat transfer tube arrangement



Filter features



Ion deodorization filter

The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine particle ceramic.



Apple-catechin filter

Apple-catechin filter uses static electricity to clean fine particles and dust in the air.

Easy maintenance

Removable & washable panel



Dry operation

Dry operation removes moisture and keeps the air conditioner clean.

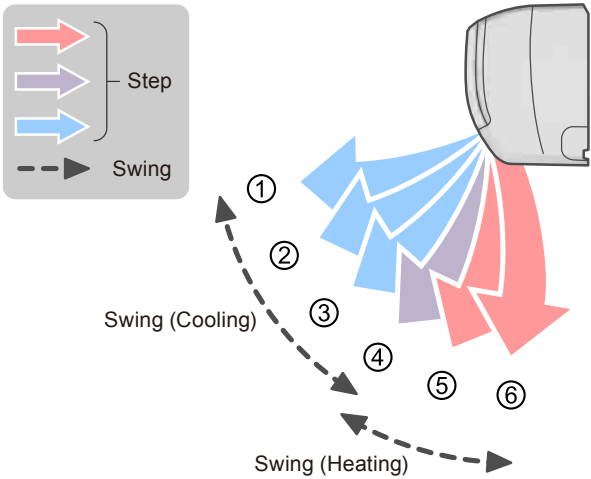
Quiet operation

Cooling mode (07/09/12 TYPE)

Fan speed	Noise level
<i>Quiet</i>	21dB_(A)

Auto swing louvre

The Auto Swing Louvre function ensures that the air direction corresponds to the mode selected.



Wired control compatible



Wired and wireless remote controller are acceptable.

* Optional communication kit is necessary for the installation.



Wired remote controller



Simple remote controller

■ MODELS : AS*G07LUCA, AS*G09LUCA, AS*G12LUCA, AS*G14LUCA

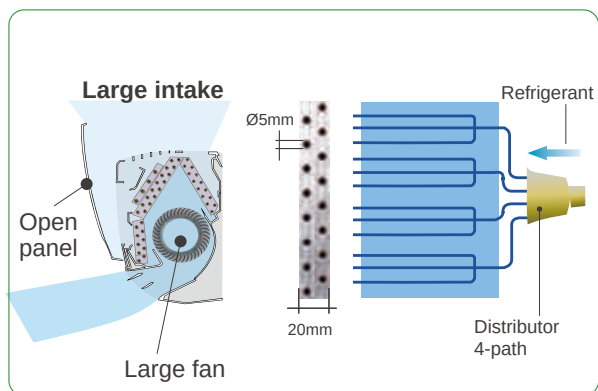
■ FEATURES

● Thin & Slim design

Thin and slim design is realized by Ø5mm heat exchanger and high efficiency wind blower.



Big open panel and High density multi path heat exchanger



● Powerful operation *Only available with Wireless RC.

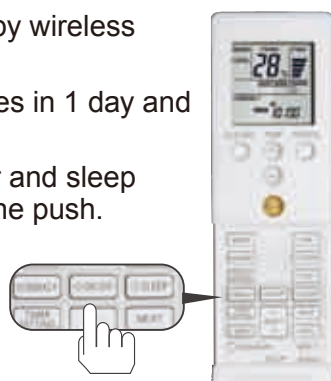
20 minutes continuous operation by maximum airflow is possible. The effect of the cooling and heating grows.

● 5 Mode timer (ON/OFF/Weekly/Program/Sleep) *Only available with Wireless RC.

Weekly timer can be easily set by wireless remote controller.

ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week.

For other modes, program timer and sleep timer can be also selected by one push.

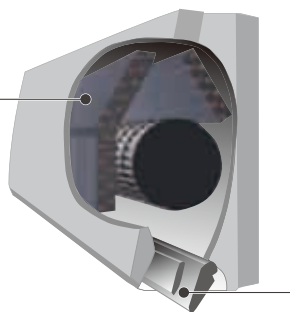
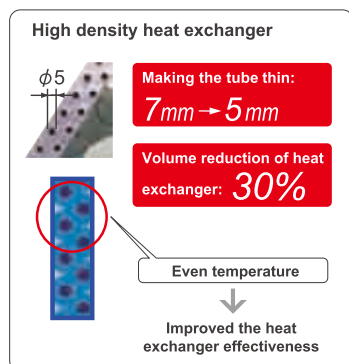


■ MODELS : AS*G07LMCA, AS*G09LMCA, AS*G12LMCA, AS*G14LMCA

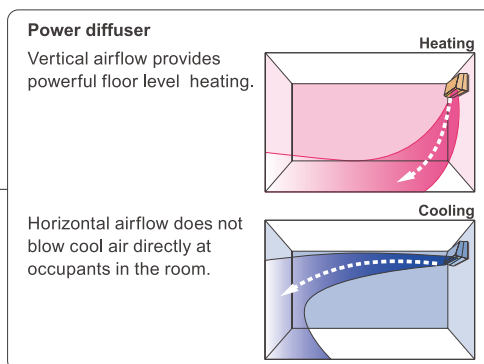
■ FEATURES



● High efficient compact design



● More comfortable airflow



● Quiet operation

INDOOR UNIT

Airflow mode can be set in 4 steps and more detailed airflow setting is possible.

21dB only at cooling operation (22dB at heating operation).

Fan speed	Noise level
Quiet	21dB(A)

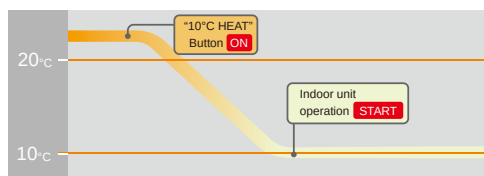
(AS*G07/09/12LMCA)

● 10°C HEAT Operation *Only available with Wireless RC.

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.

Caution)

When the room temperature is higher than 10°C, "10°C HEAT" operation will not start. Operation starts and maintains the room temperature at 10°C when the temperature drops below 10°C.



● Powerful operation *Only available with Wireless RC.

20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.

MODELS : AS*G18LFCA, AS*G24LFCA, AS*G24LFCC

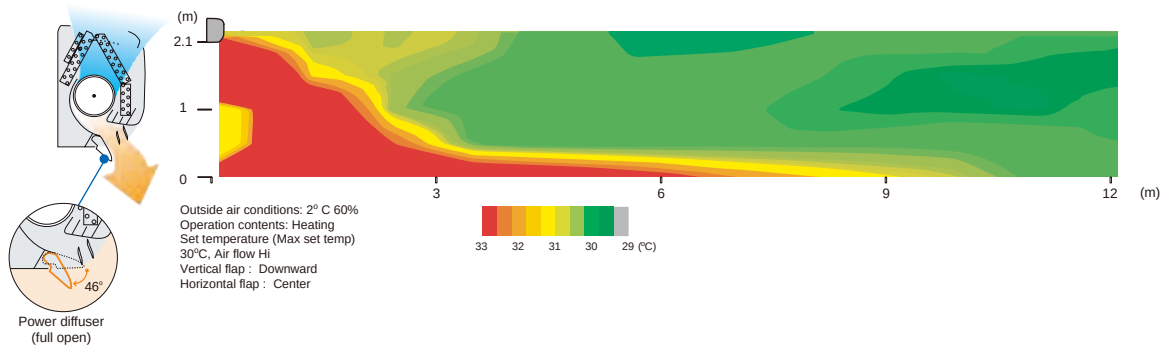
Simple & Elegant Appearance Design

FEATURES

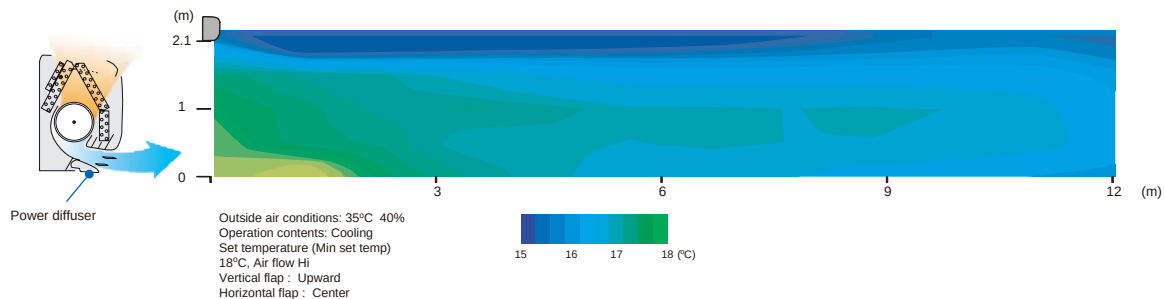
● Compact & Slim design



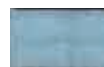
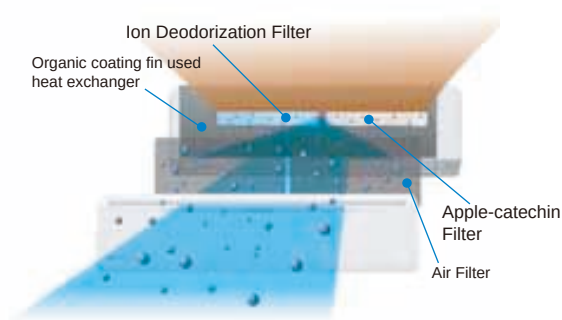
● “Vertical airflow” provides powerful floor level heating



● “Horizontal airflow” does not blow cool air directly at the occupants in the room



● Air conditioner filter features



Ion deodorization filter

The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.



Using different filters at both sides



Apple-catechin filter

Apple-catechin filter uses static electricity to clean fine particles and dust in the air.

● Easy maintenance

Simplification of drain pan cleaning improves maintenance-ability.

1-1-4. FLOOR / CEILING TYPE

■ **MODELS : AB*G14LVTA, AB*G18LVTA, AB*G18LVTB**

■ **FEATURES**

● **Flexible installation**

Example for floor installation



Example for ceiling installation



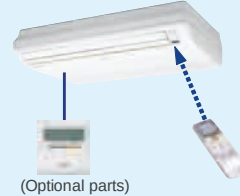
● **Easy installation**

Main work settings can be done easily from the remote controller at installation

Main work settings

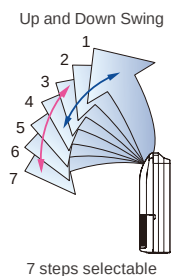
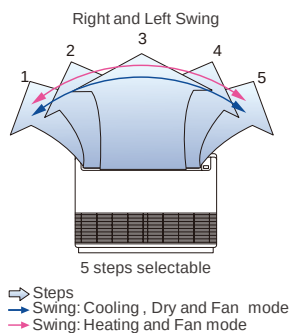
- High ceiling setting
- Auto restart
- Temperature adjustment when cooling / heating

Setting by wireless or wired remote controller



● **Double auto swing**

A combination of right/left and up/down directional swing allows 3-dimensional air direction control

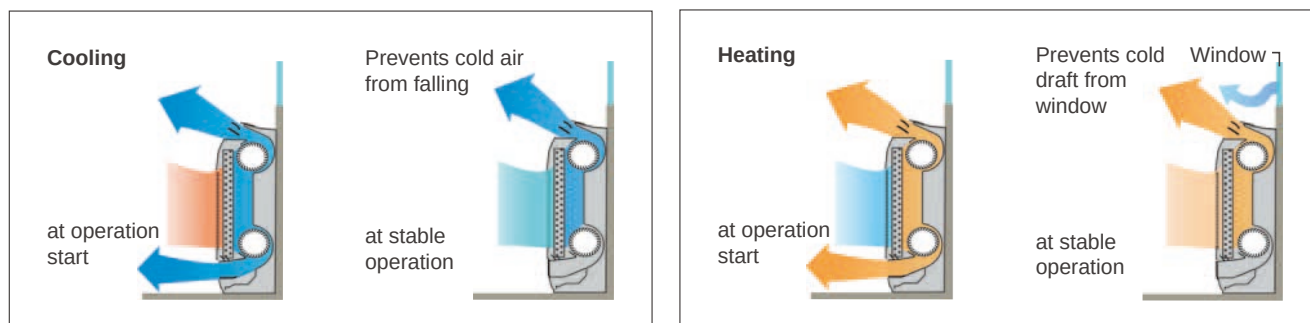


1-1-5. FLOOR TYPE

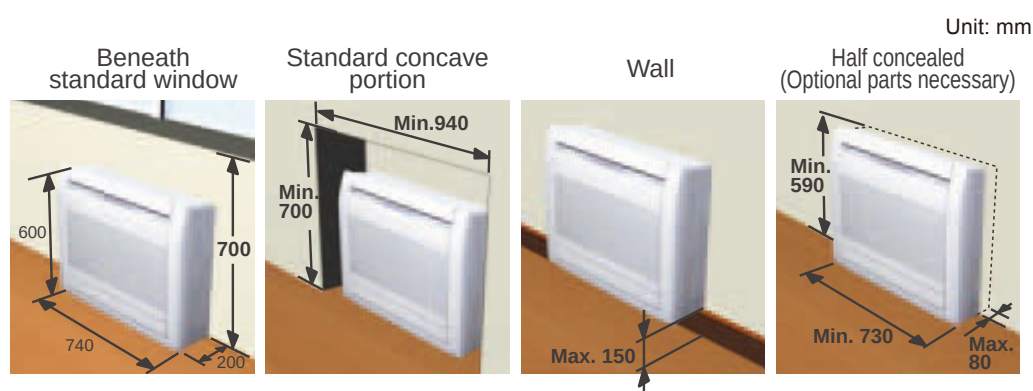
■ MODELS : AG*G09LVCA, AG*G12LVCA, AG*G14LVCA

■ FEATURES

● 2-Fan & Wide airflow



● Flexible & easy installation

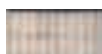


● Filter features

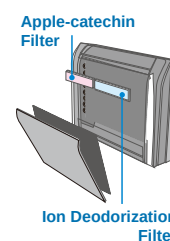
 ion deodorization filter

The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.

✚ Using different filters at both sides

 Apple-catechin filter

Apple-catechin filter uses static electricity to clean fine particles and dust in the air.



● Easy maintenance

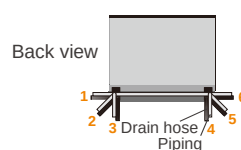
Removable and washable panel

Removable panel



● Flexible piping connection

6 direction of drain & piping



1-2. LINE UP

MODELS

INDOOR UNIT		
AU*G07LVLA , AU*G09LVLA AU*G12LVLA, AU*G14LVLA AU*G18LVLA, AU*G12LVLB AU*G14LVLB, AU*G18LVLB	AR*G07LLTA AR*G09LLTA AR*G12LLTA AR*G14LLTA AR*G12LLTB AR*G14LLTB	AR*G18LLTA AR*G18LLTB
		
AS*G07LJCA AS*G09LJCA AS*G12LJCA	AS*G07LUCA AS*G09LUCA AS*G12LUCA AS*G14LUCA	AS*G07LMCA AS*G09LMCA AS*G12LMCA AS*G14LMCA
		
AS*G18LFCA AS*G24LFCA AS*G24LFCC	AB*G14LVTA AB*G18LVTA AB*G18LVTB	AG*G09LVCA AG*G12LVCA AG*G14LVCA
		
OUTDOOR UNIT		
AO*G14LAC2 AO*G18LAC2	AO*G18LAT3 AO*G24LAT3	AO*G30LAT4
		

Indoor units that can be connected to each outdoor unit

●: Connectable / —: Not connectable

OUTDOOR		COMPACT CASSETTE					SLIM DUCT					WALL MOUNTED										FLOOR / CEILING		FLOOR		
		AU*G07-18LVLA AU*G12-18LVLB					AR*G07-18LLTA AR*G12-18LLTB					LJ			LU/LM				LF		AB*G14-18LVTA AB*G18LVTB		AG*G09-14LVCA			
	Btu Class	07	09	12	14	18	07	09	12	14	18	07	09	12	07	09	12	14	18	24	14	18	09	12	14	
	kW Class	2.0	2.5	3.5	4.0	5.0	2.0	2.5	3.5	4.0	5.0	2.0	2.5	3.5	2.0	2.5	3.5	4.0	5.0	7.0	4.0	5.0	2.5	3.5	4.0	
2 Rooms	AO*G14LAC2	—	—	—	—	—	—	—	—	—	—	●	●	●	●	●	●	—	—	—	—	—	—	—	—	
	AO*G18LAC2	●	●	●	—	—	●	●	●	—	—	●	●	●	●	●	●	●	—	—	—	—	●	●	—	
3 Rooms	AO*G18LAT3	●	●	●	●	—	●	●	●	●	—	●	●	●	●	●	●	●	—	—	●	—	●	●	●	
	AO*G24LAT3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	●	●	●	●	
4 Rooms	AO*G30LAT4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

INDOOR UNIT CONNECTION PATTERNS

● 2 Rooms

AO*G14LAC2			
No.	room 1	room 2	total
1	7	7	14
2	7	9	16
3	7	12	19
4	9	9	18
5	9	12	21

AO*G18LAC2			
No.	room 1	room 2	total
1	7	7	14
2	7	9	16
3	7	12	19
4	7	14	21
5	9	9	18
6	9	12	21
7	9	14	23
8	12	12	24

Notes) 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h, 14: 14000Btu/h models

Where "14" means "Wall Mounted type" only models. Other types of indoor units cannot be connected.

● 3 Rooms

AO*G18LAT3				
No.	room 1	room 2	room 3	total
1	7	7	—	14
2	7	9	—	16
3	7	12	—	19
4	7	14	—	21
5	9	9	—	18
6	9	12	—	21
7	9	14	—	23
8	12	12	—	24
9	12	14	—	26
10	7	7	7	21
11	7	7	9	23
12	7	7	12	26
13	7	7	14	28
14	7	9	9	25
15	7	9	12	28
16	7	9	14	30
17	9	9	9	27
18	9	9	12	30

AO*G24LAT3				
No.	room 1	room 2	room 3	total
1	7	7	—	14
2	7	9	—	16
3	7	12	—	19
4	7	14	—	21
5	7	18	—	25
6	9	9	—	18
7	9	12	—	21
8	9	14	—	23
9	9	18	—	27
10	12	12	—	24
11	12	14	—	26
12	12	18	—	30
13	7	7	7	21
14	7	7	9	23
15	7	7	12	26
16	7	7	14	28
17	7	7	18	32
18	7	9	9	25
19	7	9	12	28
20	7	9	14	30
21	7	9	18	34
22	7	12	12	31
23	7	12	14	33
24	9	9	9	27
25	9	9	12	30
26	9	9	14	32
27 *1	9	9	18	36
28	9	12	12	33
29	9	12	14	35
30	12	12	12	36

Notes) 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h, 14: 14000Btu/h, 18: 18000Btu/h models

*1: When "AS*G18L" is connected, connect at least 1 wall mounted type of 9000Btu.

● 4 Rooms

AO*G30LAT4					
No.	room 1	room 2	room 3	room 4	total
1	7	7	14	-	28
2	7	7	18	-	32
3	7	7	24	-	38
4	7	9	12	-	28
5	7	9	14	-	30
6	7	9	18	-	34
7	7	9	24	-	40
8	7	12	12	-	31
9	7	12	14	-	33
10	7	12	18	-	37
11	7	12	24	-	43
12	7	14	14	-	35
13	7	14	18	-	39
14	7	14	24	-	45
15	7	18	18	-	43
16	7	18	24	-	49
17	9	9	9	-	27
18	9	9	12	-	30
19	9	9	14	-	32
20	9	9	18	-	36
21	9	9	24	-	42
22	9	12	12	-	33
23	9	12	14	-	35
24	9	12	18	-	39
25	9	12	24	-	45
26	9	14	14	-	37
27	9	14	18	-	41
28	9	14	24	-	47
29	9	18	18	-	45
30	12	12	12	-	36
31	12	12	14	-	38
32	12	12	18	-	42
33	12	12	24	-	48
34	12	14	14	-	40
35	12	14	18	-	44
36	12	18	18	-	48
37	7	7	7	7	28
38	7	7	7	9	30
39	7	7	7	12	33
40	7	7	7	14	35
41	7	7	7	18	39
42	7	7	9	9	32
43	7	7	9	12	35
44	7	7	9	14	37
45	7	7	9	18	41
46	7	7	12	12	38
47	7	7	12	14	40
48	7	7	12	18	44
49	7	7	14	14	42
50	7	7	14	18	46
51	7	9	9	9	34
52	7	9	9	12	37
53	7	9	9	14	39
54	7	9	9	18	43
55	7	9	12	12	40
56	7	9	12	14	42
57	7	9	12	18	46
58	7	9	14	14	44
59	7	9	14	18	48
60	7	12	12	12	43
61	7	12	12	14	45
62	7	12	12	18	49
63	7	12	14	14	47
64	9	9	9	9	36
65	9	9	9	12	39
66	9	9	9	14	41
67 *1	9	9	9	18	45
68	9	9	12	12	42
69	9	9	12	14	44
70 *2	9	9	12	18	48
71	9	9	14	14	46
72	9	12	12	12	45
73	9	12	12	14	47
74	9	12	14	14	49
75	12	12	12	12	48

Notes) 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h, 14: 14000Btu/h, 18: 18000Btu/h, 24: 24000Btu/h models

*1: Connection of "AR*G09L+AR*G09L+AR*G09L+AS*G18L " is not available. All types other than this combination can be connected.

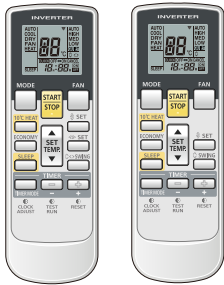
*2: Connection of "AR*G09L+AR*G09L+AR*G12L+AS*G18L " is not available. All types other than this combination can be connected.

2. REMOTE CONTROLLER

2-1. WIRELESS REMOTE CONTROLLER

■ MODEL : AR-RAH2E / AR-RAH1E

■ FEATURES



- 4 mode timer setup available (ON / OFF / PROGRAM / SLEEP).
- Can be used jointly with wired remote controllers .
- Easy to change signal code (Max.4 signal codes).

● Simple function setting

Setting of the air conditioner selection function is performed by remote controller.

● Built-in timers

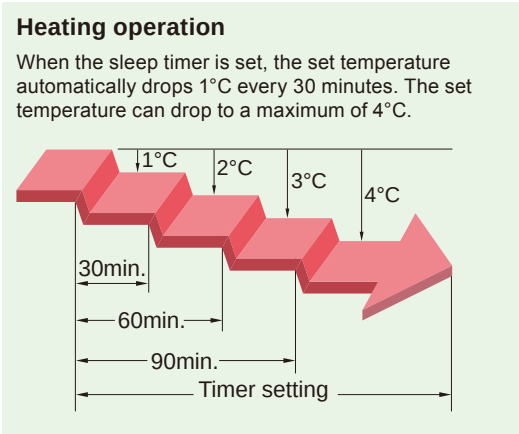
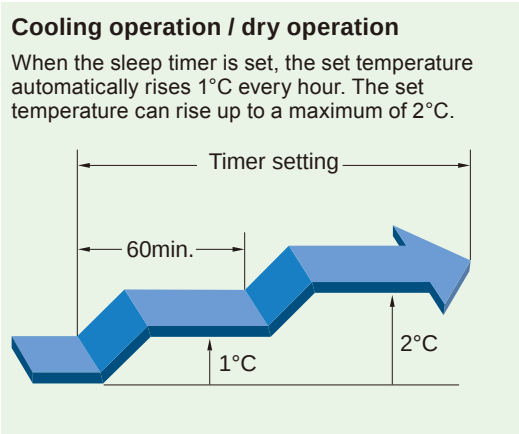
Select from four different timer programs (ON / OFF / PROGRAM / SLEEP).

● Program timer

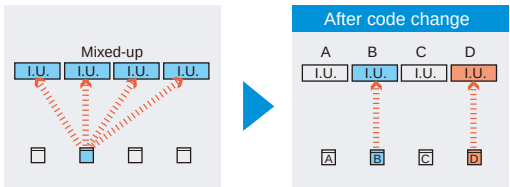
The program timer operates the on and off timer once within a 24 hour period.

● Sleep timer

The sleep timer function automatically corrects the temperature thermostat setting according to the time setting to prevent excessive cooling and heating while sleeping.



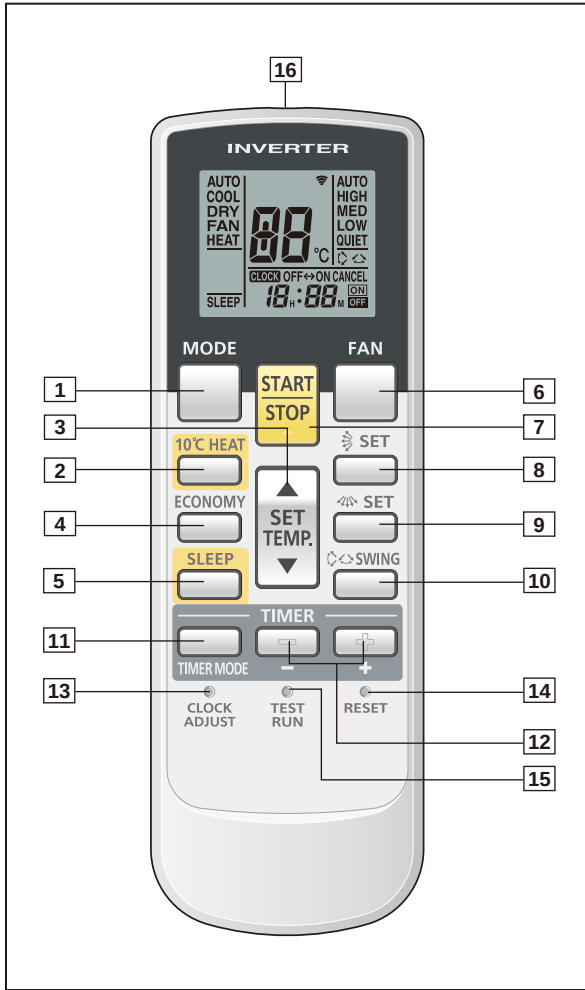
● Switching remote controller signal code



- Code selector switch eliminates units being wrongly switched.
(Up to 4 signal codes can be set.)

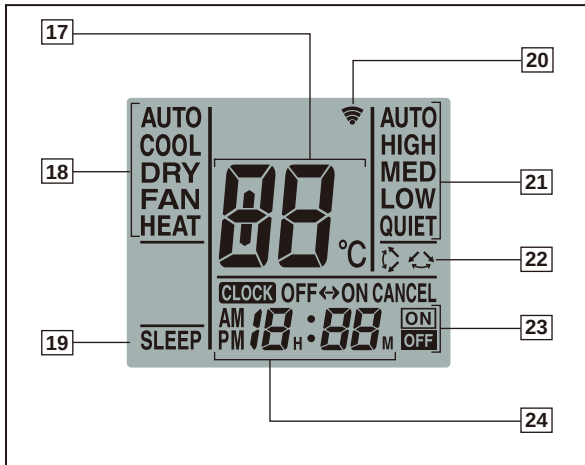
*I.U.=Indoor unit

■ FUNCTIONS [Wall mounted(LF), Floor/Ceiling type]



- 1 MODE button
Selects the operating mode (AUTO, COOL, DRY, FAN, HEAT).
/Start / end R.C. signal code change. (Max. 4 signal codes)
- 2 10°C HEAT button
- 3 SET TEMP. button (▲ / ▼)
Sets the indoor temp./ Sets R.C. signal code.
- 4 ECONOMY button
- 5 SLEEP button
Pressed to select sleep timer.
- 6 FAN button
Selects the fan speed (AUTO, HIGH, MED, LOW, QUIET).
- 7 START/STOP button
Pressed to start and stop operation.
- 8 SET button (Vertical)
Airflow direction vertical set button.
- 9 SET button (Horizontal)
Airflow direction horizontal set button.
- 10 SWING button
Airflow direction swing button.
- 11 TIMER MODE button
Pressed to select the timer mode. (OFF TIMER, ON TIMER, PROGRAM TIMER, TIMER RESET)
- 12 TIMER (+ / -) button
Sets the current time and on-off time.
- 13 CLOCK ADJUST button
Sets the current time.
- 14 RESET button
Used when replacing batteries.
- 15 TEST RUN button
Used when testing the air conditioner after installation.

Display panel

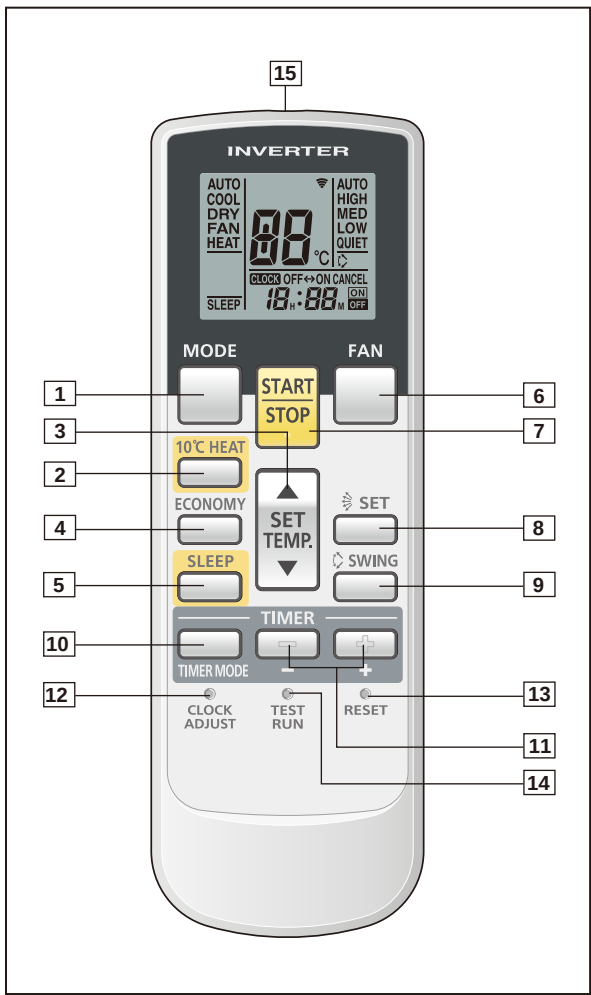


- 16 Signal transmitter
- 17 Temperature set display
- 18 Operating mode display
- 19 Sleep display
- 20 Transmit indicator
- 21 Fan speed display
- 22 Swing display
- 23 Timer mode display
- 24 Clock display

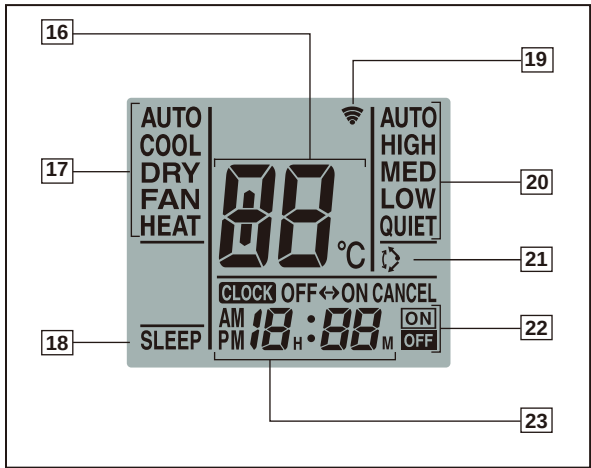
Note: Some button operations may not be available for all units or systems. For details, please see operation manual.

■ FUNCTIONS

[Compact cassette, Wall mounted (LJ), Floor type]



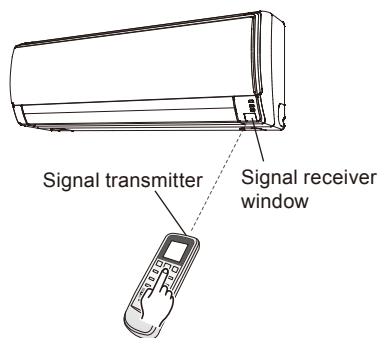
Display panel



- 1 MODE button
Selects the operating mode (AUTO, COOL, DRY, FAN, HEAT).
/Start / end R.C. signal code change. (Max. 4 signal codes)
- 2 10°C HEAT button
- 3 SET TEMP. button (▲ / ▼)
Sets the indoor temp./ Sets R.C. signal code.
- 4 ECONOMY button
- 5 SLEEP button
Pressed to select sleep timer.
- 6 FAN button
Selects the fan speed (AUTO, HIGH, MED, LOW, QUIET).
- 7 START/STOP button
Pressed to start and stop operation.
- 8 SET button (Vertical)
Airflow direction vertical set button.
- 9 SWING button
Airflow direction swing button.
- 10 TIMER MODE button
Pressed to select the timer mode. (OFF TIMER, ON TIMER, PROGRAM TIMER, TIMER RESET)
- 11 TIMER (+ / -) button
Sets the current time and on-off time.
- 12 CLOCK ADJUST button
Sets the current time.
- 13 RESET button
Used when replacing batteries.
- 14 TEST RUN button
Used when testing the air conditioner after installation.
- 15 Signal transmitter
- 16 Temperature set display
- 17 Operating mode display
- 18 Sleep display
- 19 Transmit indicator
- 20 Fan speed display
- 21 Swing display
- 22 Timer mode display
- 23 Clock display

Note: Some button operations may not be available for all units or systems. For details, please see operation manual.

SYSTEM DIAGRAM

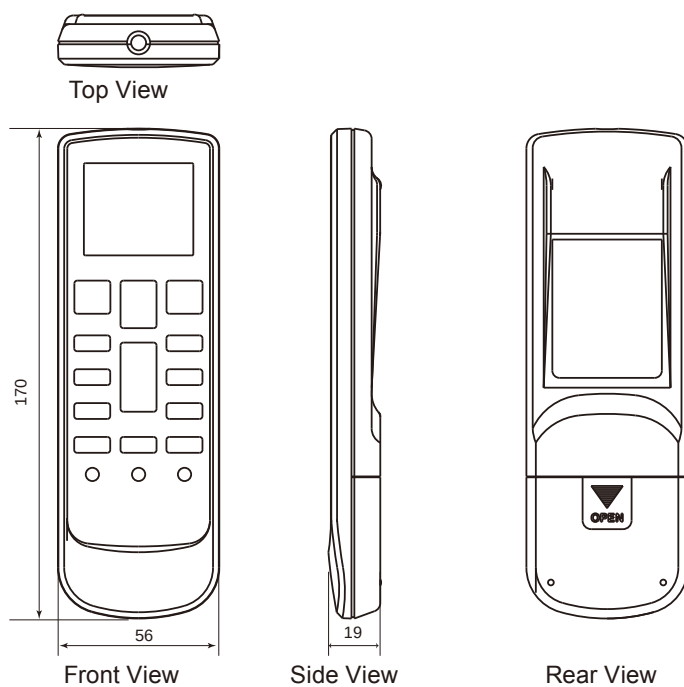


- Control signal might not be recognized in following cases:
 - (i) A curtain or a wall, etc. exists between transmitter and receiver.
 - (ii) There is an instant-start type (inverter type, etc.) fluorescent lamp in the room.
- Air conditioner might not work correctly when strong light hits the signal receiver window. Shut off the direct sunlight and also make illuminator far away from the receiver window.

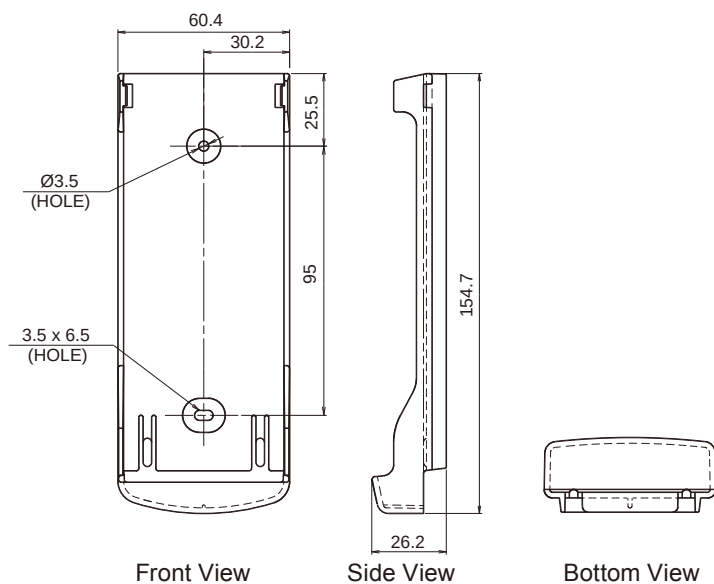
DIMENSIONS

Controller

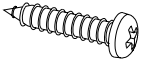
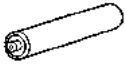
[Unit : mm]



Holder



■ PACKING LIST

Name and shape	Quantity	Application
Remote controller holder 	1	Use as remote controller holder
Tapping screw 	2	For remote controller holder installation
Battery [1.5V (R03 / AAA)] 	2	For remote controller

■ SPECIFICATIONS

Dimensions [H x W x D]: (mm)	170 x 56 x 19
Weight : (g)	85 [w/o batteries]

■ MODEL : AR-REA2E

■ FEATURES



- * 5 mode timer setup available (ON / OFF / WEEKLY / PROGRAM / SLEEP).
- * Easy operation.
- * Easy to change signal code (Max. 4 signal codes).

● Simple function setting

Setting of the air conditioner selection function is performed by remote controller.

● Built-in timers

Select from five different timer programs (On / Off / Weekly / Program / Sleep).

● Weekly timer

Weekly timer can be easily set by wireless remote controller. ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week.

● Program timer

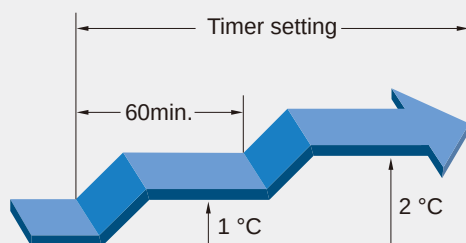
The program timer operates the on and off timer once within a 24 hour period.

● Sleep timer

The sleep timer function automatically corrects the temperature thermostat setting according to the timer setting to prevent excessive cooling and heating while sleeping.

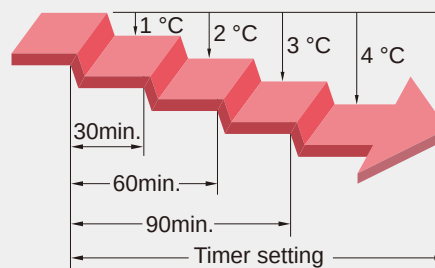
Cooling operation/dry operation

When the sleep timer is set, the set temperature automatically rises 1 °C every hour. The set temperature can rise up to a maximum of 2 °C.

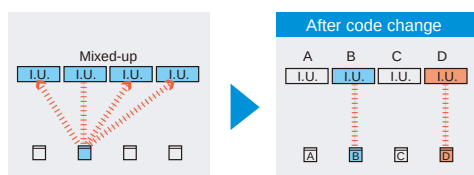


Heating operation

When the sleep timer is set, the set temperature automatically drops 1 °C every 30 minutes. The set temperature can drop to a maximum of 4 °C.



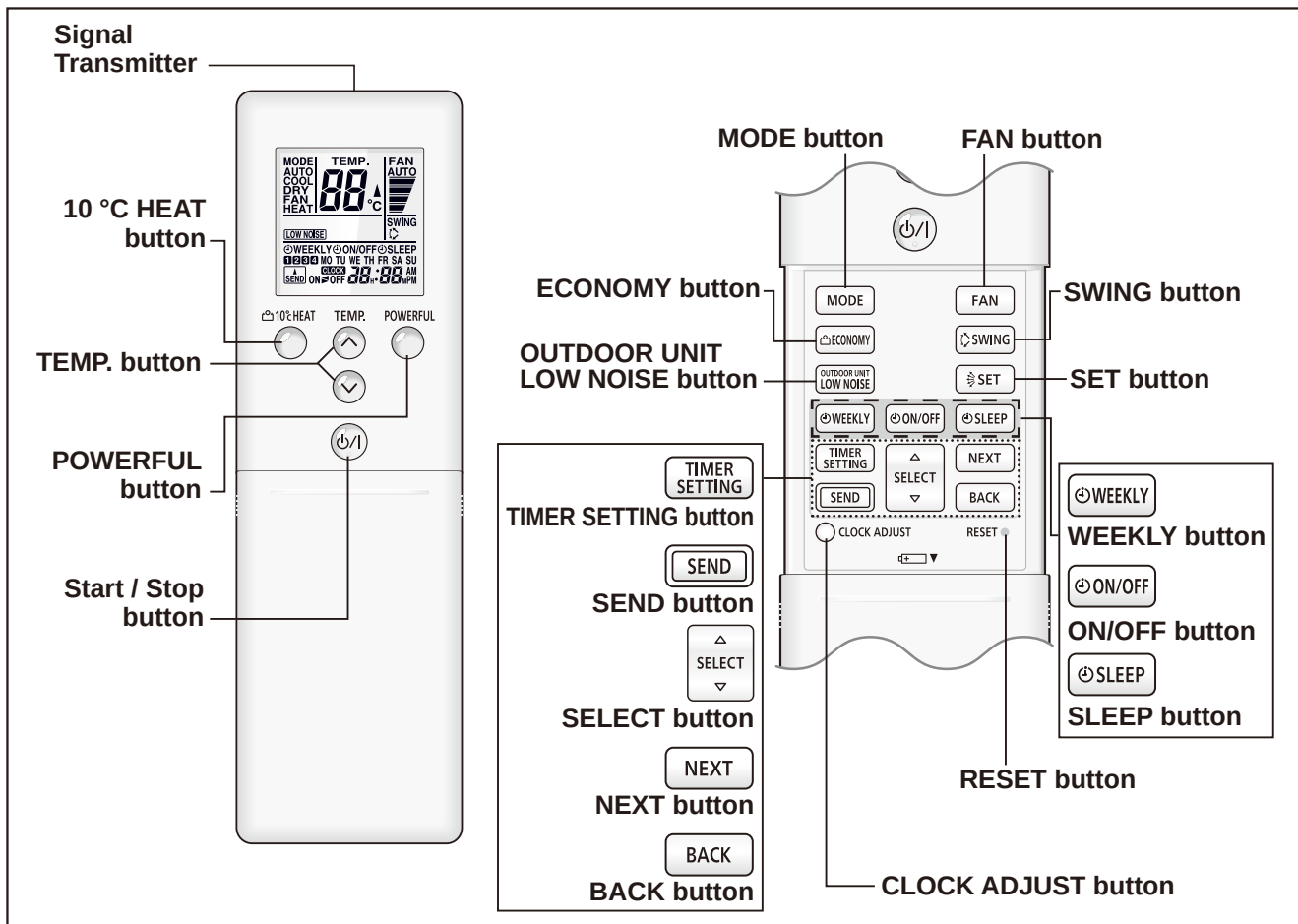
● Switching remote controller signal code



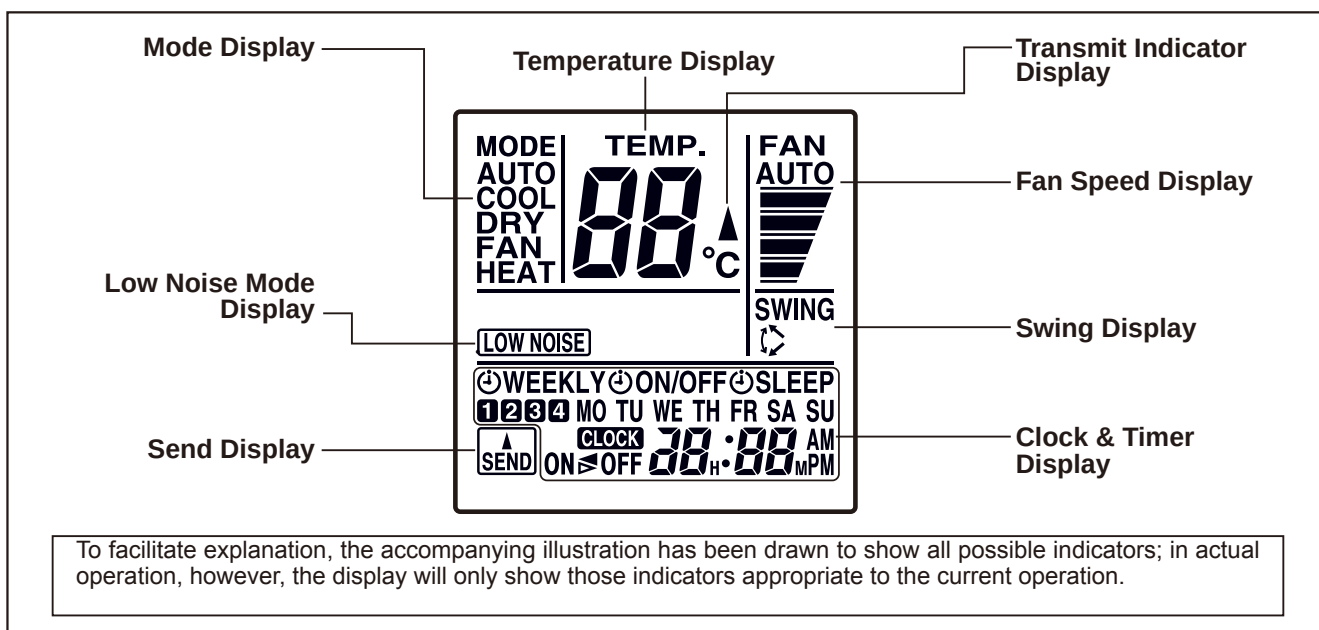
- Code selector switch eliminates units being wrongly switched.
(Up to 4 signal codes can be set.)

*I.U.=Indoor unit

FUNCTIONS [Wall mounted (LU) type]



Display panel



Note: Some button operations may not be available for all units or systems.
For details, please see operation manual.

■ MODEL: AR-REB1E

■ FEATURES



- * 4 mode timer setup available (ON / OFF / PROGRAM / SLEEP).
- * Easy operation.
- * Easy to change signal code (Max. 4 signal codes).

● Simple function setting

Setting of the air conditioner selection function is performed by remote controller.

● Built-in timers

Select from four different timer programs (On / Off / Program / Sleep).

● Program timer

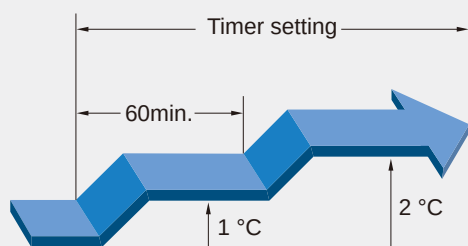
The program timer operates the on and off timer once within a 24 hour period.

● Sleep timer

The sleep timer function automatically corrects the temperature thermostat setting according to the timer setting to prevent excessive cooling and heating while sleeping.

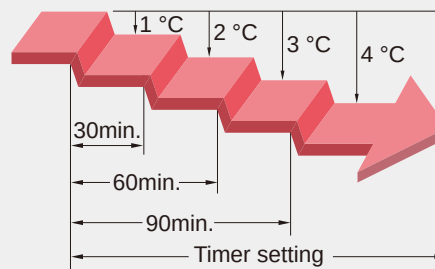
Cooling operation/dry operation

When the sleep timer is set, the set temperature automatically rises 1 °C every hour. The set temperature can rise up to a maximum of 2 °C.

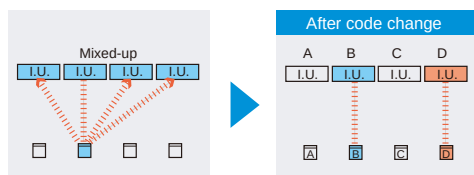


Heating operation

When the sleep timer is set, the set temperature automatically drops 1 °C every 30 minutes. The set temperature can drop to a maximum of 4 °C.



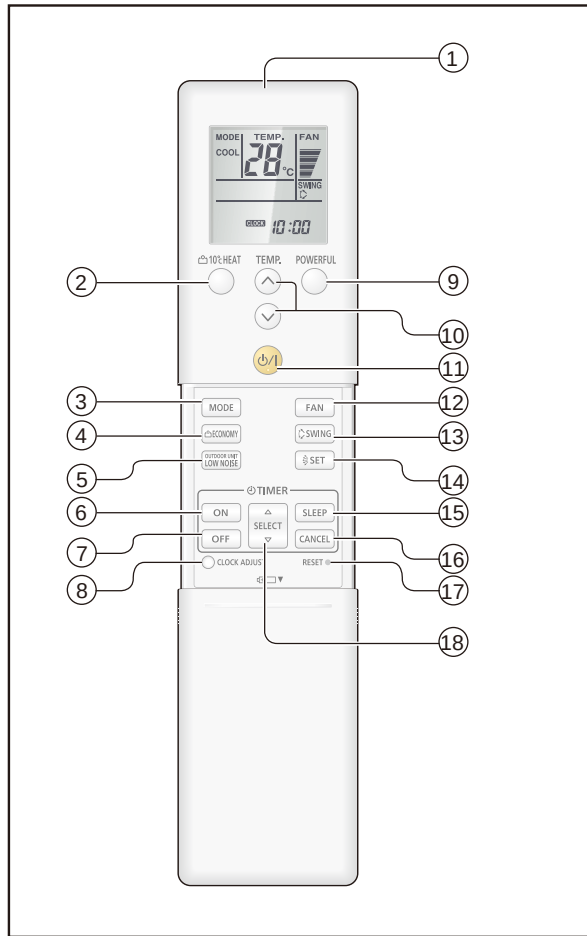
● Switching remote controller signal code



- Code selector switch eliminates units being wrongly switched.
(Up to 4 signal codes can be set.)

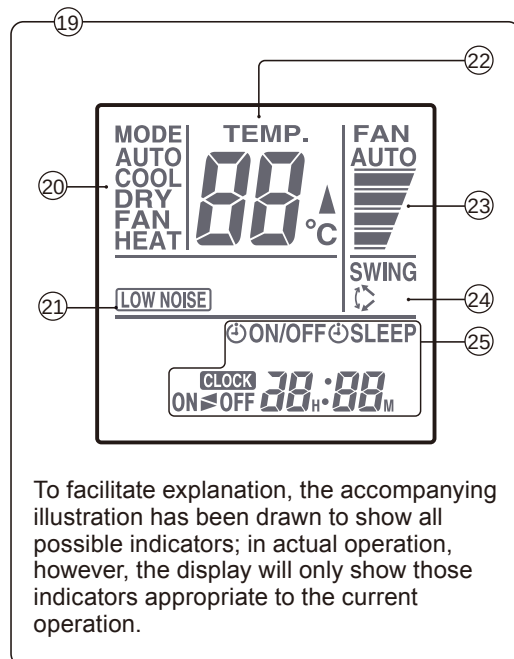
*I.U.=Indoor unit

■ FUNCTIONS [Wall mounted (LM) type]



- ① Signal Transmitter
- ② 10 °C HEAT button
- ③ MODE button
- ④ ECONOMY button
- ⑤ OUTDOOR UNIT LOW NOISE button
- ⑥ ON TIMER button
- ⑦ OFF TIMER button
- ⑧ CLOCK ADJUST button
- ⑨ POWERFUL button
- ⑩ TEMP. Set button (▲ / ▼)
- ⑪ Start/Stop button
- ⑫ FAN button
- ⑬ SWING button
- ⑭ SET button
- ⑮ SLEEP TIMER button
- ⑯ CANCEL button
- ⑰ RESET button
- ⑱ TIMER SELECT button (▲ / ▼)

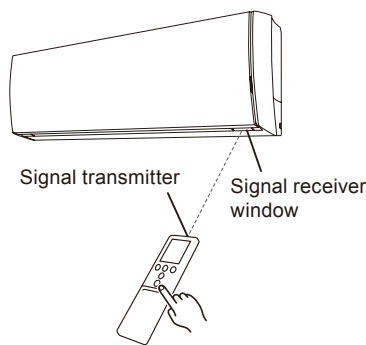
Display panel



- ⑲ Remote Controller Display
- ⑳ Operation Mode Display
- ㉑ Low Noise Mode Display
- ㉒ Temperature Set Display
- ㉓ Fan Speed Display
- ㉔ Swing Display
- ㉕ Clock & Timer Display

Note: Some button operations may not be available for all units or systems. For details, please see operation manual.

■ SYSTEM DIAGRAM (AR-REA2E, AR-REB1E)

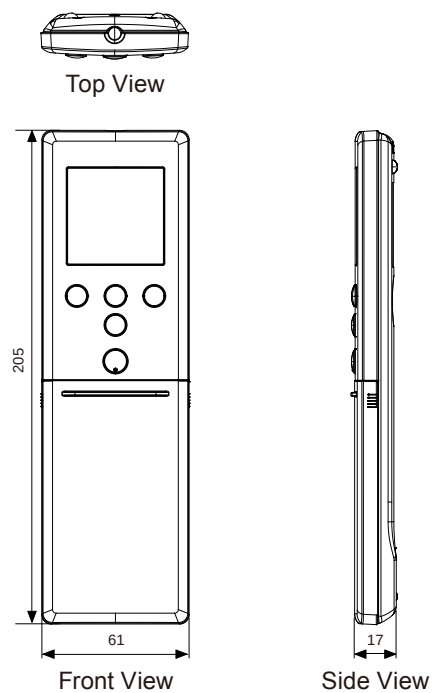


- Control signal may not be recognized in following cases:
 - (i) A curtain or a wall, etc. exists between transmitter and receiver.
 - (ii) There is an instant-start type (inverter type, etc.) fluorescent lamp in the room.
- Air conditioner may not work correctly when strong light hits the signal receiver window. Shut off direct sunlight and also place illuminator far away from the receiver window.

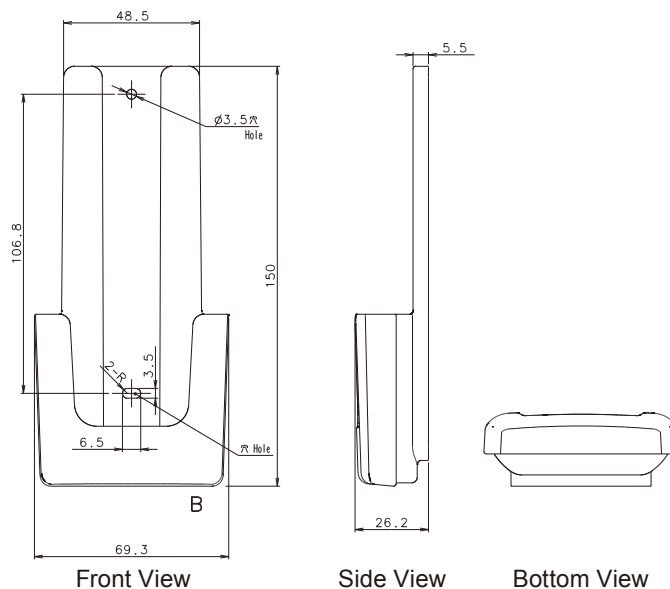
■ DIMENSIONS

● Controller

[Unit : mm]



● Holder



■ PACKING LIST

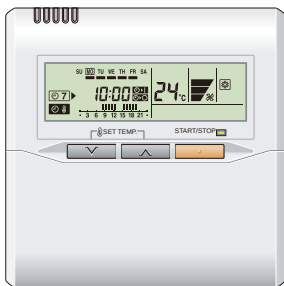
Name and shape	Quantity	Application
Remote controller holder 	1	Use as remote controller holder
Tapping screw 	2	For remote controller holder installation
Battery [1.5V (R03 / AAA)] 	2	For remote controller

■ SPECIFICATIONS

Dimensions [H x W x D]: (mm)	205 x 61 x 17
Weight : (g)	122 [w/o batteries]

2-2. WIRED REMOTE CONTROLLER [For Slim duct type]

■ FEATURES



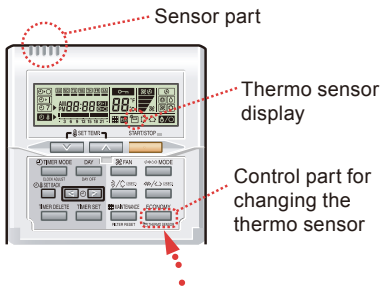
- Various timer setup available (ON / OFF / WEEKLY).
- Equipped with weekly timer as standard function. (Start / Stop function is twice per day for a week)
- When setting up the timer, start / stop and temperature setup can be changed.
- When a failure occurs, the error code is displayed.
- Error history. (Last 16 error codes can be accessed.)
- The room temperature is detected and controlled accurately by the built-in thermo sensor.

● Powerful features and compact size

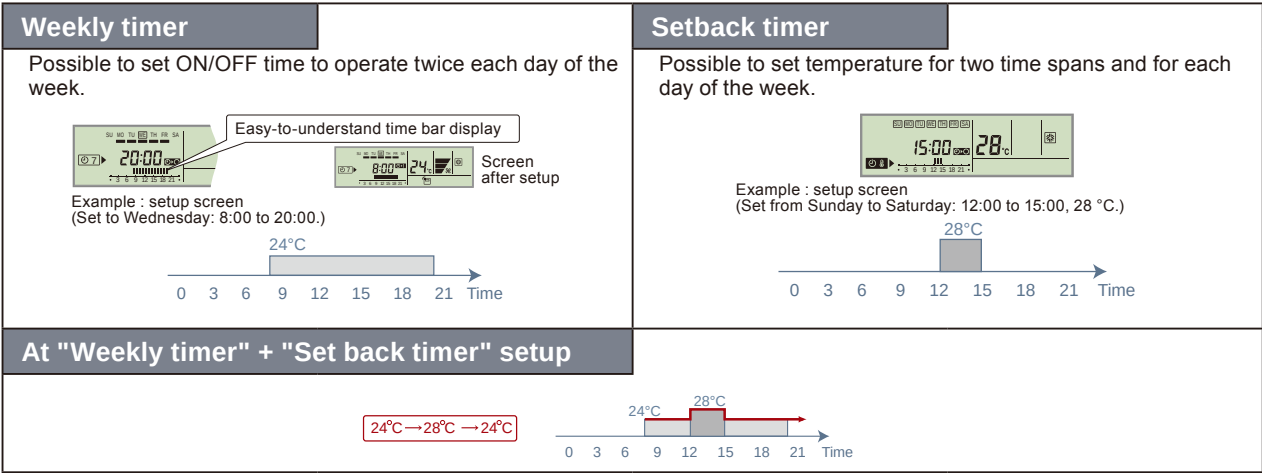


● Accurate and comfortable

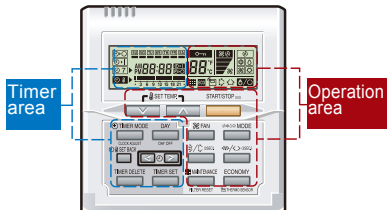
Indoor temperature can be detected accurately by the inclusion of a thermo sensor in the body of the wired controller.
Our system can correspond to various scenes.
This wired remote controller and the optional remote sensor allows flexibility in sensor location, and suitable for all requirements.



● Built-in timers



● Easy-to-understand operation

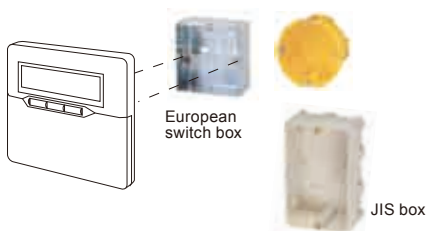


[Variable timer control]

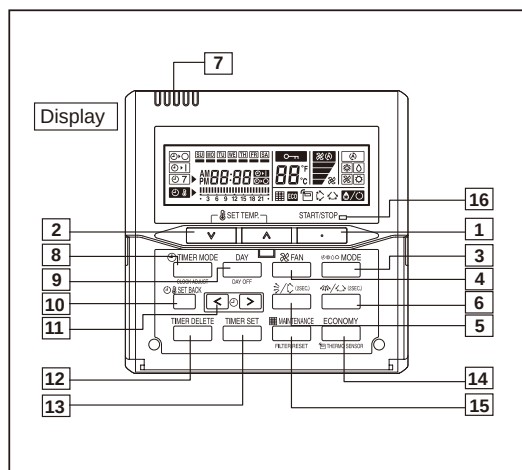
The operation/display sections are zoned according to time and operation, enabling variable programming to match application.

● Simple installation

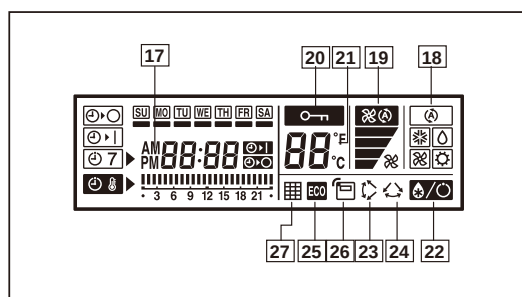
Components are compatible with standard switch boxes. Flat back surface allows equipment to be installed wherever it is needed.



FUNCTIONS



Display panel

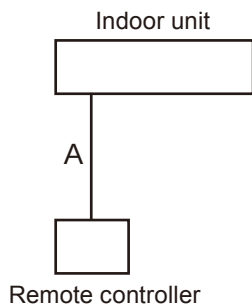


- 1 START/STOP button
Pressed to start and stop operation.
- 2 SET TEMP. button
Selects the setting temperature.
- 3 MODE button
Selects the operating mode (AUTO (A), COOL (C), DRY (D), FAN (F), HEAT (H)).
- 4 FAN button
Selects the fan speed (AUTO (A), HIGH (H), MED (M), LOW (L), QUIET (Q)).
- 5 Vertical air flow direction and swing button
Press for two seconds to change the swing mode
- 6 Horizontal air flow direction and swing button
Press for two seconds to change the swing mode.
- 7 Built-in thermo sensor
Detects the room temperature.
- 8 TIMER MODE (CLOCK ADJUST) button
Selects the timer mode (OFF TIMER, ON TIMER, WEEKLY TIMER)
Sets the current time.
- 9 DAY (DAY OFF) button
Temporarily cancels one day timer.
- 10 SET BACK button
Pressed to select the set back timer.
- 11 SET TIME button
Pressed to set time.
- 12 TIMER DELETE button
Deletes the weekly timer schedule.
- 13 TIMER SET button
Sets the date, hour, minute and on-off time.
- 14 ECONOMY (THERMO SENSOR) button
- 15 FILTER RESET button
- 16 Operation lamp
Lights during operation and when the timer is on.
- 17 Timer and clock display
- 18 Operation mode display
- 19 Fan speed display
- 20 Operation lock display
- 21 Temperature display
Displayed temperature is set temperature.
- 22 Defrost display
Indicates oil recovery and defrosting operation.
- 23 Vertical swing display
- 24 Horizontal swing display
- 25 Economy display
- 26 Thermo sensor display
- 27 Filter display

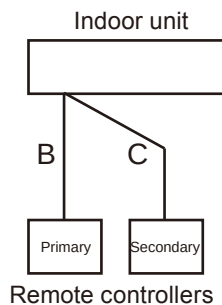
Note: Some button operations may not be available for all units or systems. For details, please see operation manual.

SYSTEM DIAGRAM

● 1 remote controller



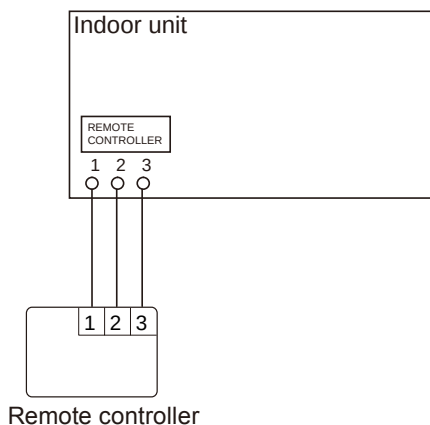
● 2 remote controllers



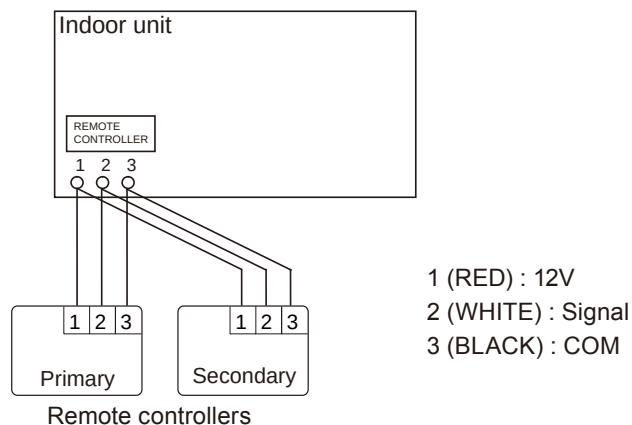
A, B, C : Remote controller cable.
 $A \leq 500\text{m}$; $B+C \leq 500\text{m}$

ELECTRICAL WIRING

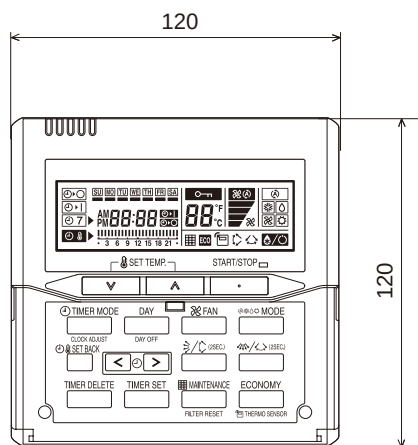
● 1 remote controller



● 2 remote controllers



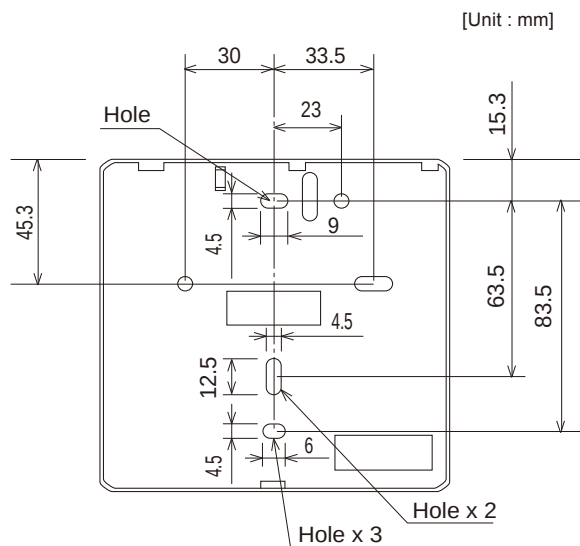
DIMENSIONS



Front View



Side View



Rear View

■ INSTALLATION

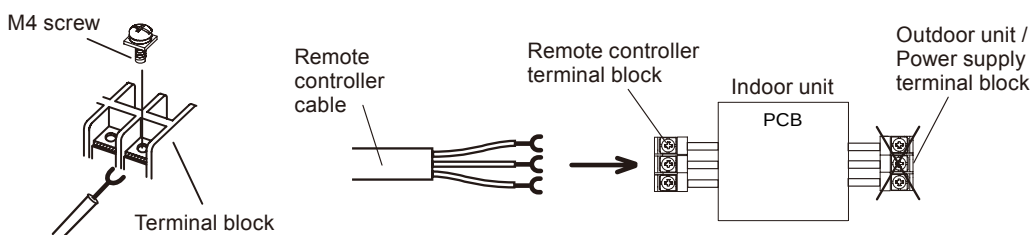
● Connection Pattern

Note: Connection pattern is different according to type of Indoor unit.

Indoor unit types		Connection Pattern
Compact Cassette type		Pattern A
Slim Duct type		
Floor / Ceiling type		
Wall Mounted type	LJ	Pattern B
	LU	
	LM	
	LF	Pattern C
Floor type		

● Pattern A

Connect the end of remote controller cable directly to the exclusive terminal block.

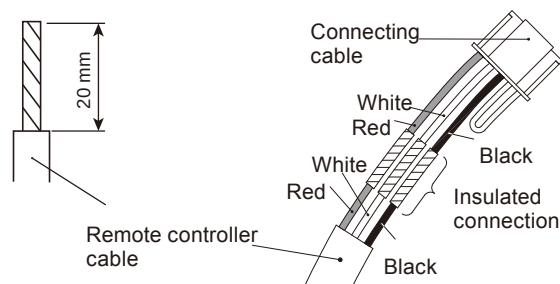


Note: It may be failed if it is connected to the outdoor unit or the terminal block for power supply.

● Pattern B

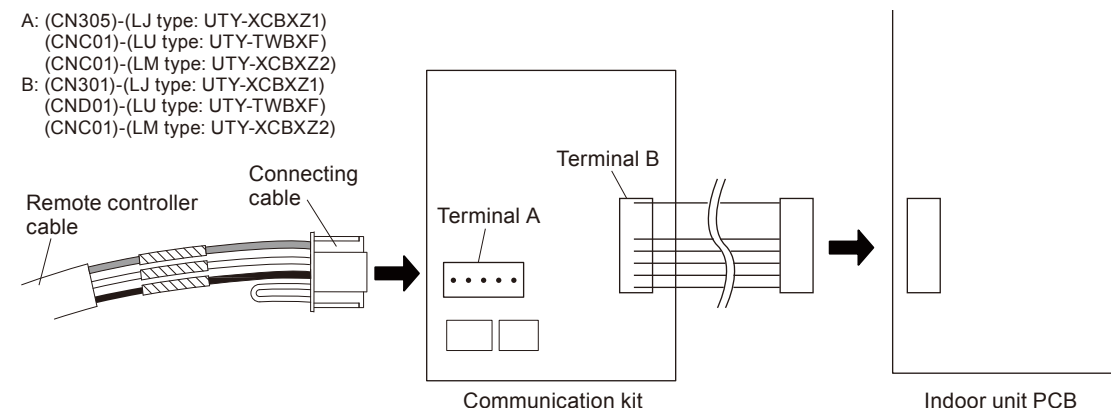
1) Modify the remote controller cable as per below methods.

- Use a tool to cut off the terminal on the end of the remote controller cable and then remove the insulation from the cut end of the cable as shown in Fig.
- Connect the remote controller cable and connecting cable as shown in Fig.
- Be sure to insulate the connection between the cables.



2) Method of connecting remote controller cable

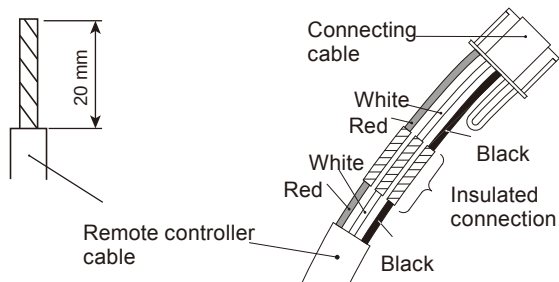
- Connecting cable made by above-mentioned 1) is connected with Terminal A of optional communication kit .
- Cable connected with Terminal B of communication kit is connected with PCB of Indoor unit.



● Pattern C

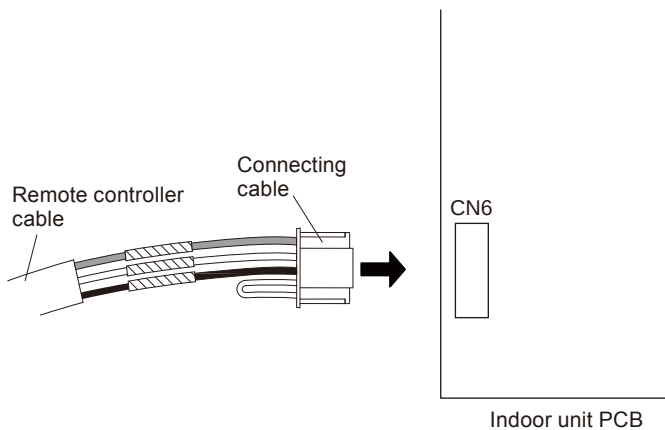
1) Modify the remote controller cable as per below methods.

- Use a tool to cut off the terminal on the end of the remote controller cable and then remove the insulation from the cut end of the cable as shown in Fig.
- Connect the remote controller cable and connecting cable as shown in Fig.
- Be sure to insulate the connection between the cables.

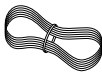
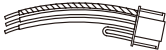


2) Method of connecting remote controller cable

- Connecting cable made by above-mentioned 1) is connected with PCB of Indoor unit.



PACKING LIST

Name and shape	Quantity	Application
Operating manual 	1	
Installation manual 	1	
Remote controller cable (10m) 	1	For connecting the remote controller
Screw (M4 x 16mm) 	2	For installing the remote controller
Cable tie 	1	To tie the remote controller and cables
Connecting cable *1 	1	For connecting the remote controller cable to the Wall mounted type indoor unit
Screw *1 (M4 x 14mm) 	1	For installing the remote controller cable to the indoor unit
Cable clammer *1 	1	For installing the remote controller cable to the indoor unit

*1: Use only if the remote controller cable must be modified for the indoor unit model.

WIRING SPECIFICATIONS

Use	Cable size	Wire type	Remarks
Remote controller cable	0.33 mm ² (22 AWG)	Polar 3 core	Use sheathed PVC cable

SPECIFICATIONS

Dimensions [H x W x D]: (mm)	120 x 120 x 18
Weight: (g)	160

PART (OPTIONAL)

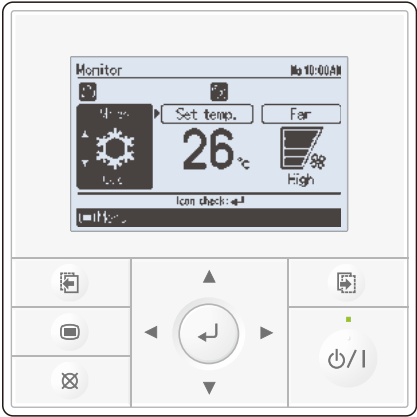
	Wall mounted		
Model name	AS*G07LJCA AS*G09LJCA AS*G12LJCA	AS*G07LUCA AS*G09LUCA AS*G12LUCA AS*G14LUCA	AS*G07LMCA AS*G09LMCA AS*G12LMCA AS*G14LMCA
	UTY-XCBXZ1	UTY-TWBXF	UTY-XCBXZ2

*The communication kit is necessary for connecting the wired remote controller to the Wall mounted type.

2-3. WIRED REMOTE CONTROLLER (Optional parts)

■ MODEL: UTY-RVN*M

- Large and full-dot liquid crystal screen
- Screen with backlight can be seen even in the dark
- Wide and large keys easy to press, user-intuitive arrow key



■ FEATURES

● Individual Control

- Installation of two remote controllers are possible to one indoor unit.

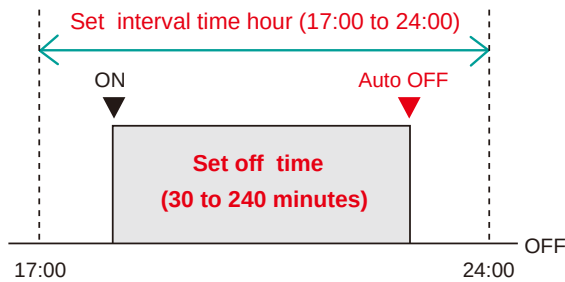
● User-friendly operation

- Large backlight LED screen
- Large easy-to-see operation panel
- Multiple Language Supporting
(English, German, French, Spanish, Russian, Portuguese, Italian, Greek and Turkish)

■ MAIN FUNCTIONS

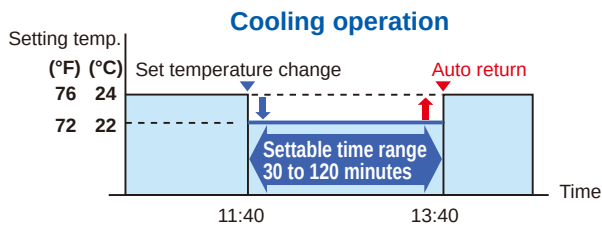
● Auto off timer

Ex) At interval time hour (17:00 to 24:00) to prevent forgetting to turn off

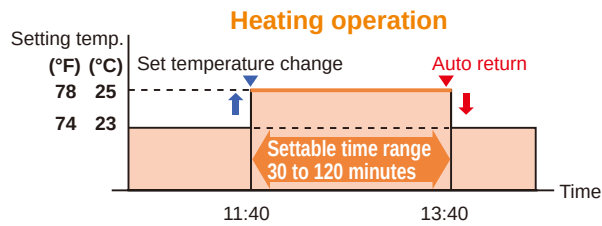


- The indoor unit automatically turns off after a set time has passed.
- The time interval for which auto off works can be set.

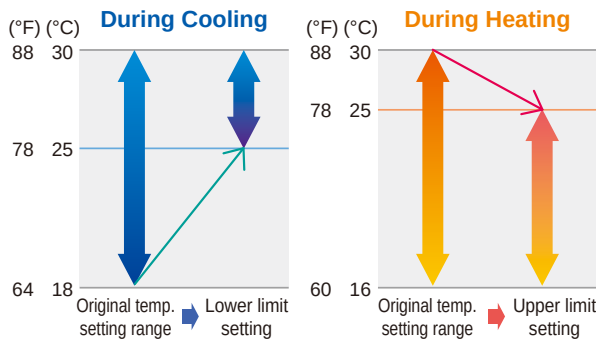
● Set temperature auto return



- The setting temperature automatically returns to the previous setting temperature.
- The time range in which the set temperature can be changed is 30 to 120 minutes.



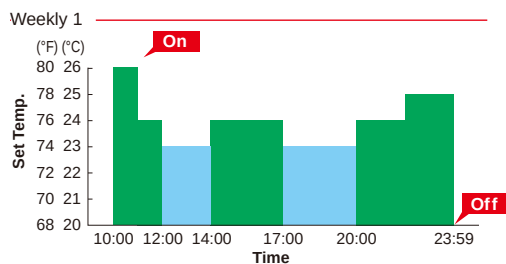
● Set temperature upper and lower limit setting



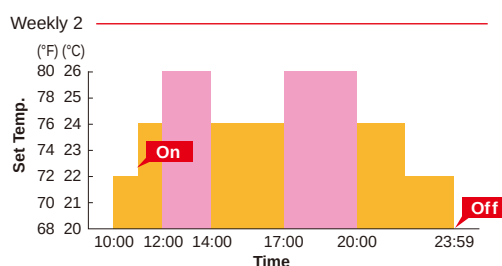
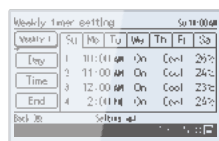
- The set temperature range can be set for each operation mode. (Cooling / Heating / Auto)

● Weekly timer function

- Not only time setting On/Off, but also setting of the operation mode and set temperature can be set by Weekly timer function.
- Two types of settings: Weekly 1 and Weekly 2 for summer and winter are possible.



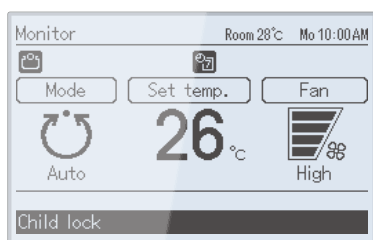
Setting menu in remote controller



Setting menu in remote controller

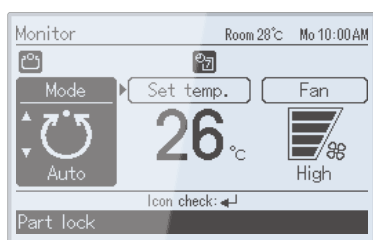


● Child lock



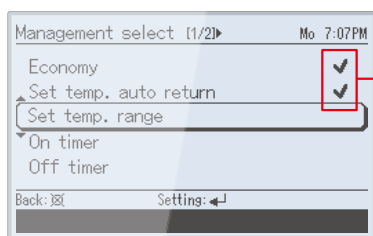
- This function locks all control.

● Part lock



- This function locks the setting of functions other than Mode, Set temp. and Fan.

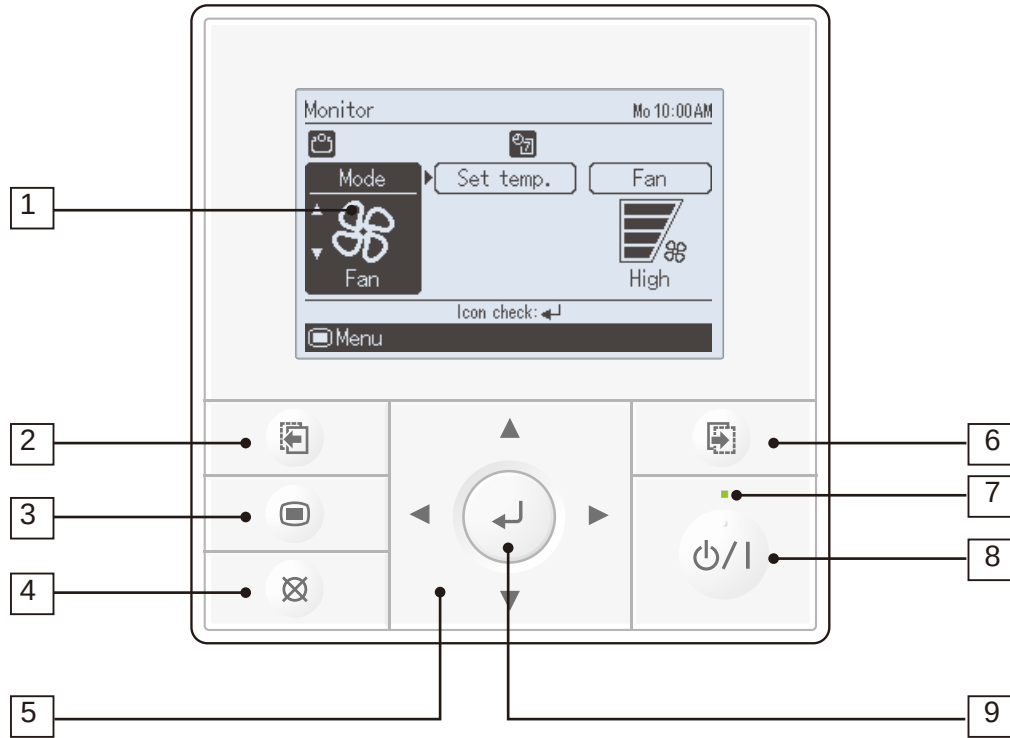
● Management (Password)



Functions with this mark are restricted.

- Unwanted functions can be restricted.
- Password is necessary to operate.

FUNCTIONS



1 Display panel (with backlight)

2 Screen switch button (Left)

3 Menu button

4 Cancel button

5 Cursor button

6 Screen switch button (Right)

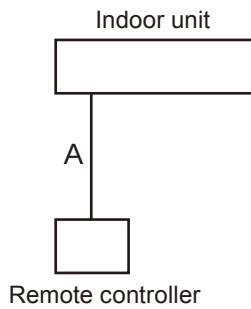
7 Power indicator

8 On / Off button

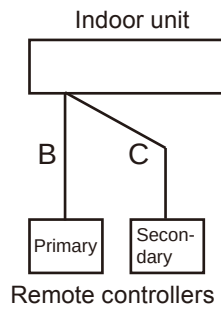
9 Enter button

SYSTEM DIAGRAM

● 1 remote controller



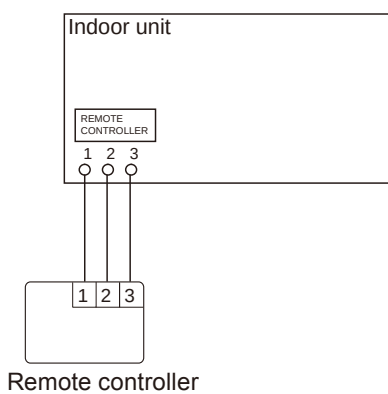
● 2 remote controllers



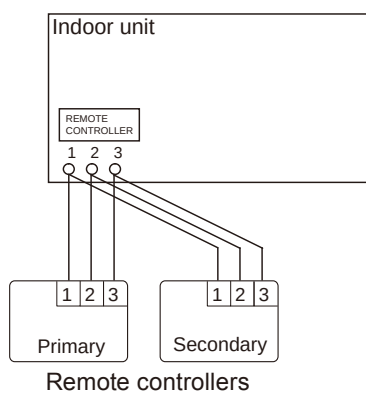
A , B , C : Remote controller cable.

ELECTRICAL WIRING

● 1 remote controller



● 2 remote controllers

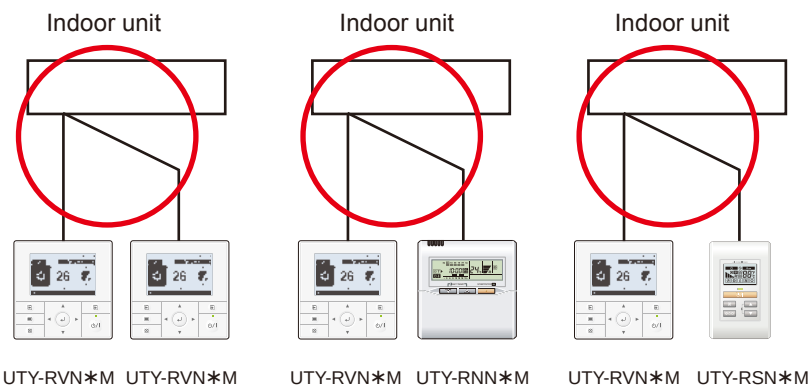


1 (RED) : 12V
2 (WHITE) : Signal
3 (BLACK) : COM

CONTROLLER COMBINATION

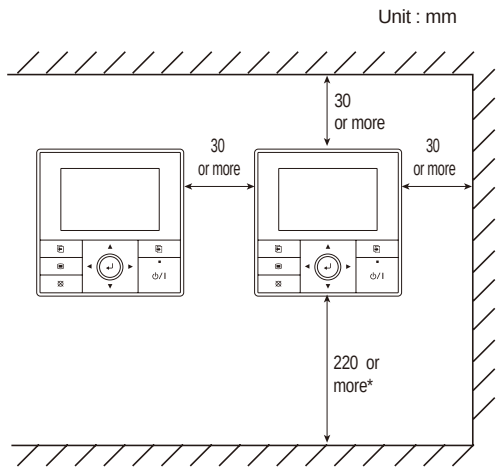
As for the combined usage of remote controllers, refer to following figures.

● Good



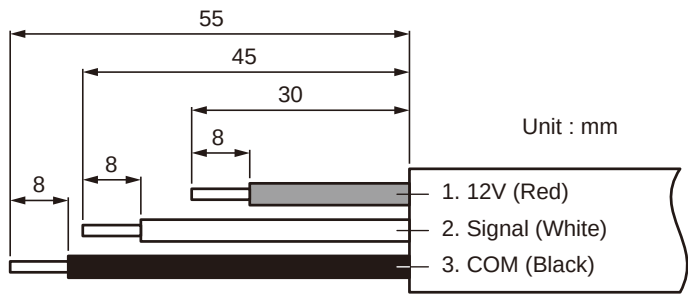
■ INSTALLATION

1) Installation space.

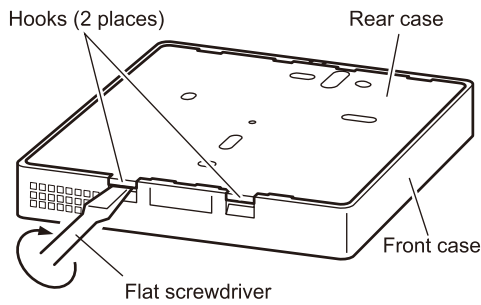


* Please secure enough space where a flat screwdriver to take off a case can be inserted.

2) Processing of the remote controller cable.



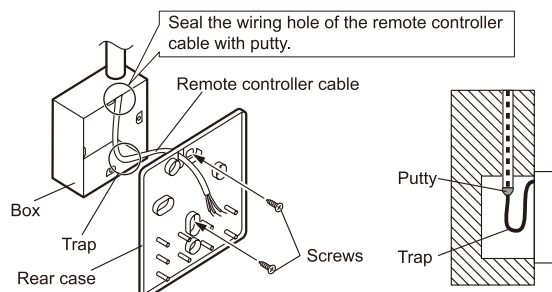
3) Insert the flat-blade screwdriver and remove the front case and rear case by twisting it slightly.



4) Installing the remote controller

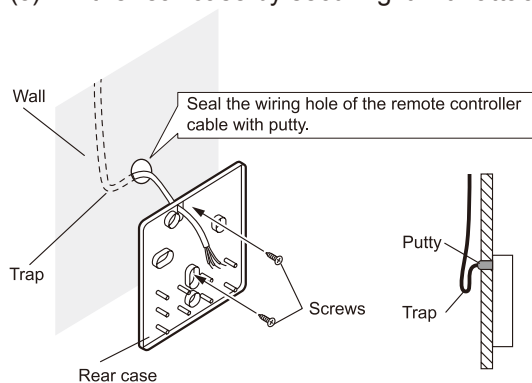
A. When attaching to switch box:

- (1) Seal the wiring hole of the remote controller cable.
- (2) Put a remote controller cable through the hole of the rear case.
- (3) Fix the rear case by securing it with attached screws (2 places).



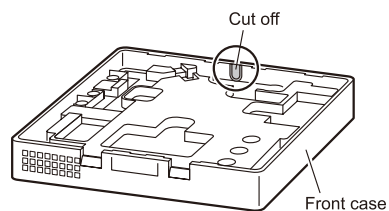
B. When attaching to the wall directly:

- (1) Seal the wiring hole of the remote controller cable.
- (2) Put a remote controller cable through the back hole of the rear case of the main body.
- (3) Fix the rear case by securing it with attached screws (2 places).

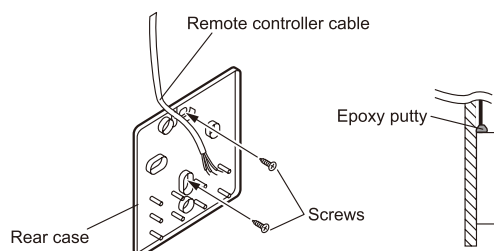


C. When routing the cable on-wall:

- (1) Cut off the cable guide of the front case with using a knife or a nipper.
- (2) Deburr the edge of the cable guide.

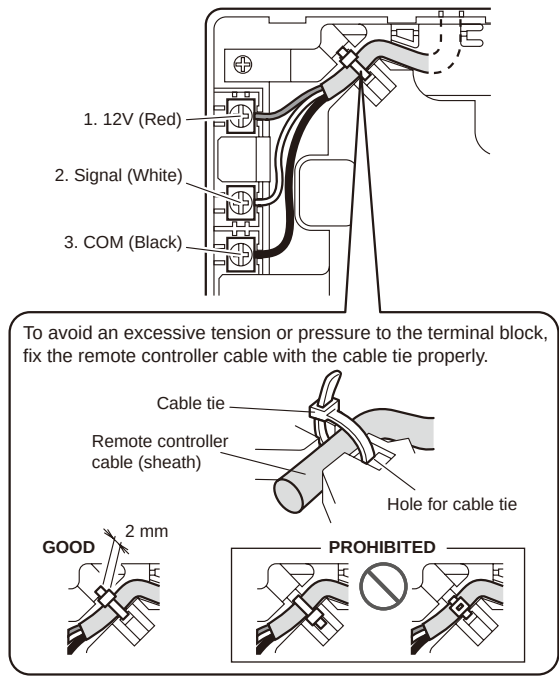


- (3) Fix the rear case by securing it with attached screws (2 places).



5) Connect the cable to the terminals on the front case. Fix the cable together with the sheath with the cable tie. Cut off the excess cable tie.

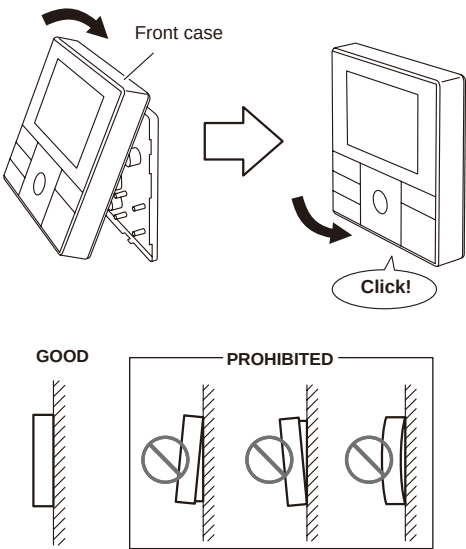
Tightening torque	
Terminal screw	0.8 to 1.2N • m



 **CAUTION**

- Be careful to avoid breaking the cable by over-tightening the cable tie.
- When connecting the remote controller cables, do not over-tighten the screws.

- 6) Attach the front case.
- Insert after adjusting upper part of front case.
 - When insert the front case, do not pinch the cable.



 **CAUTION**

- Insert the upper case firmly. If improperly attached, it will cause the upper case to fall off.

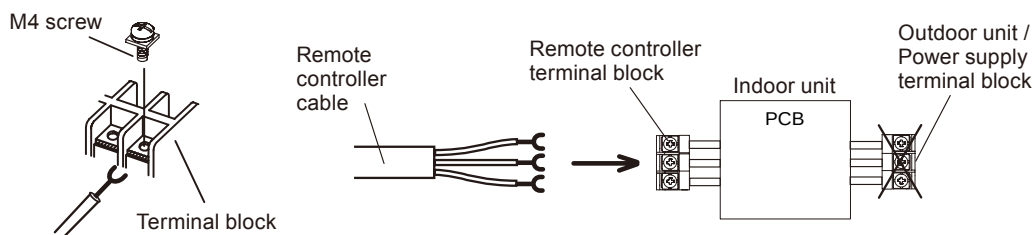
● Connection Pattern

Note: Connection pattern is different according to type of Indoor unit.

Indoor unit types		Connection Pattern
Compact Cassette type		Pattern A
Slim Duct type		
Floor / Ceiling type		
Wall Mounted type	LJ	Pattern B
	LU	
	LM	
	LF	Pattern C
Floor type		

● Pattern A

Connect the end of remote controller cable directly to the exclusive terminal block.

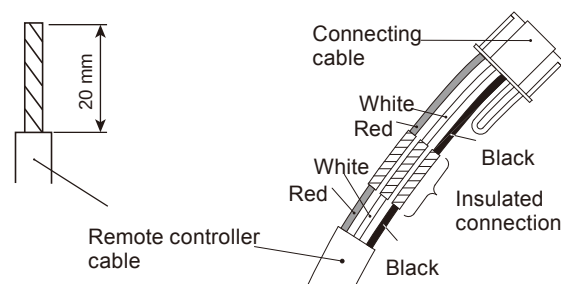


Note: It may be failed if it is connected to the outdoor unit or the terminal block for power supply.

● Pattern B

1) Modify the remote controller cable as per below methods.

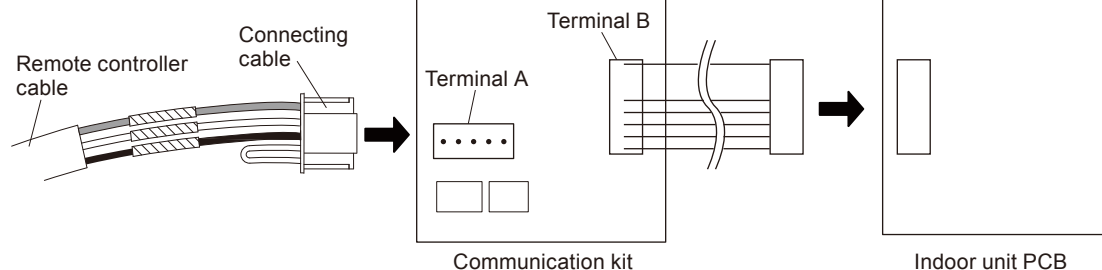
- Use a tool to cut off the terminal on the end of the remote controller cable and then remove the insulation from the cut end of the cable as shown in Fig.
- Connect the remote controller cable and connecting cable as shown in Fig.
- Be sure to insulate the connection between the cables.



2) Method of connecting remote controller cable

- Connecting cable made by above-mentioned 1) is connected with Terminal A of optional communication kit.
- Cable connected with Terminal B of communication kit is connected with PCB of Indoor unit.

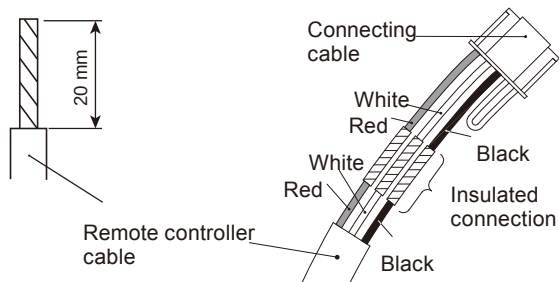
A: (CN305)-(LJ type: UTY-XCBXZ1)
(CNC01)-(LU type: UTY-TWBXF)
(CNC01)-(LM type: UTY-XCBXZ2)
B: (CN301)-(LJ type: UTY-XCBXZ1)
(CND01)-(LU type: UTY-TWBXF)
(CNC01)-(LM type: UTY-XCBXZ2)



● Pattern C

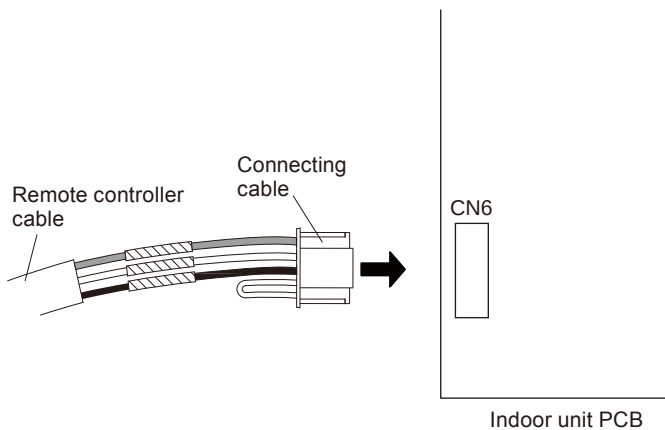
1) Modify the remote controller cable as per below methods.

- Use a tool to cut off the terminal on the end of the remote controller cable and then remove the insulation from the cut end of the cable as shown in Fig.
- Connect the remote controller cable and connecting cable as shown in Fig.
- Be sure to insulate the connection between the cables.



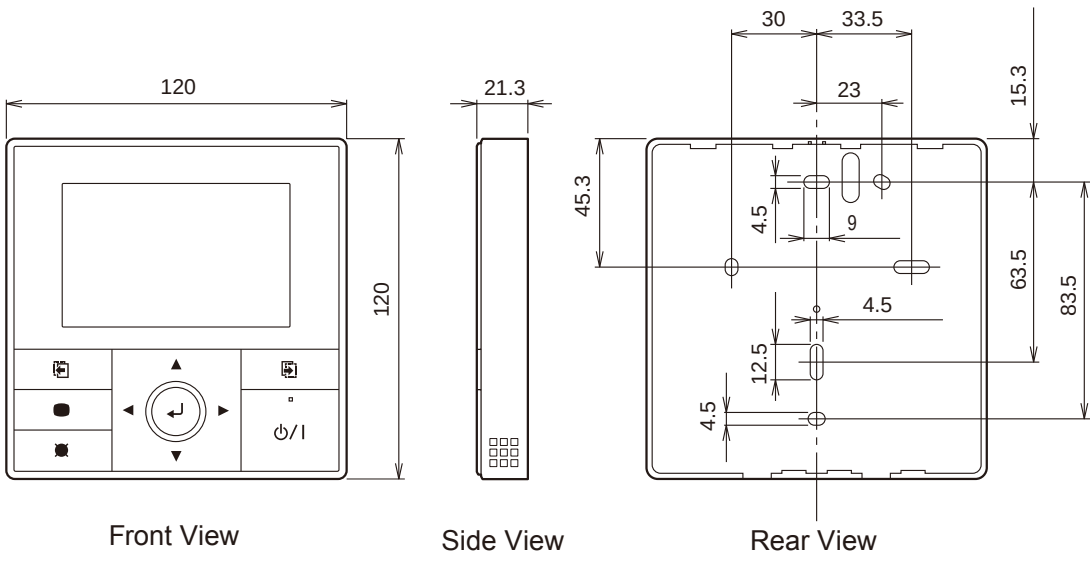
2) Method of connecting remote controller cable

- Connecting cable made by above-mentioned 1) is connected with PCB of Indoor unit.

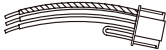


■ DIMENSIONS

Unit : mm



■ PACKING LIST

Name and shape		Q'ty	Summary
Operating manual		1	Instruction book for operation
Installation manual		1	Instruction book for installation
Remote controller cable		1	For connecting the remote controller
Connecting cable		1	For connecting the remote controller cable to the wall mounted type.
Screw (M4 × 16 mm)		2	For installing the remote controller
Cable tie		1	To tie the remote controller and cables
Screw (M4 × 14 mm)		1	For installing the remote controller cable to the indoor unit
Cable clamber		1	For installing the remote controller cable to the indoor unit

■ WIRING SPECIFICATIONS

Use	Cable size	Wire type	Remarks
Remote controller cable	0.33 mm ² (22AWG)	Polar 3 core	Use sheathed PVC cable

■ SPECIFICATIONS

Dimensions [H x W x D]: mm	120 x 120 x 21.3
Weight: g	220

■ PART (OPTIONAL)

	Wall mounted		
Model name	AS*G07LJCA AS*G09LJCA AS*G12LJCA	AS*G07LUCA AS*G09LUCA AS*G12LUCA AS*G14LUCA	AS*G07LMCA AS*G09LMCA AS*G12LMCA AS*G14LMCA
	UTY-XCBXZ1	UTY-TWBXF	UTY-XCBXZ2

*The communication kit is necessary for connecting the wired remote controller to the Wall mounted type.

3. SPECIFICATIONS

3-1. COMPACT CASSETTE TYPE

Model name					AU*G07LVLA	AU*G09LVLA	AU*G12LVLA AU*G12LVLB	AU*G14LVLA AU*G14LVLB	AU*G18LVLA AU*G18LVLB
Power source					1ø 230V ~ 50Hz				
Available voltage range					198-264V				
Capacity					2.0kW Class	2.5kW Class	3.5kW Class	4.0kW Class	5.0kW Class
Input power				W	18	18	23	28	39
Running current				A	0.15	0.15	0.19	0.22	0.30
Fan	Airflow rate	Cooling	High	m³/h	540	540	610	680	750
			Med		490	490	530	580	610
			Low		440	440	470	490	520
			Quiet		390	390	410	410	410
		Heating	High		540	540	610	700	800
			Med		490	490	530	620	710
			Low		440	440	470	550	600
			Quiet		390	390	410	430	450
	Type × Q'ty				Turbo × 1				
	Motor Output			W	42				
Sound pressure level		Cooling	High	dB(A)	33	33	37	40	42
			Med		31	31	33	35	37
			Low		29	29	31	32	33
			Quiet		27	27	28	29	29
		Heating	High		34	34	37	40	44
			Med		32	32	33	37	40
			Low		29	29	31	34	37
			Quiet		27	27	28	29	30
Sound power level		Cooling		46	46	49	52	54	
		Heating		47	47	49	52	56	
Heat exchanger	Dimension (H × W × D)		mm	210 × 1310 × 13.3 + 210 × 1250 × 13.3					
	Fin pitch			1.2					
	Rows × Stages			2 × 10					
	Pipe type			Copper tube					
	Fin Type			Aluminium					
Dimensions (H × W × D)	Net		mm	245×570×570					
	Gross			265×730×625					
Weight	Net		kg	15					
	Gross			18					
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4in.)				Ø12.7 (Ø1/2in.)	
		Gas		Ø9.52 (Ø3/8in.)					
	Method			Flare					
Operation range	Cooling		°C	18 to 32					
			%RH	80 or less					
	Heating		°C	16 to 30					
Drain hose	Material			HARD PVC					
	Size		mm	Φ25 (I.D.), Φ32 (O.D.)					
Cassette grille	Model name			UTG-UF*D-W					
	Material			PS					
	Colour			WHITE (Approximate colour of MUNSELL N9.25)					
	Dimensions (H × W × D)	Net	mm	49 × 700 × 700					
		Gross		120 × 765 × 755					
	Weight	Net	kg	2.6					
		Gross		4.5					
Remote controller type					Wireless [Wired (option)]				

Note : The protective function may work when using it outside the operation range.

3-2. SLIM DUCT TYPE

Model name				AR*G07LLTA	AR*G09LLTA	AR*G12LLTA AR*G12LLTB	AR*G14LLTA AR*G14LLTB	AR*G18LLTA AR*G18LLTB		
Power source				1ø 230V ~ 50Hz						
Available voltage range				198-264V						
Capacity				2.0kW Class	2.5kW Class	3.5kW Class	4.0kW Class	5.0kW Class		
Input power			W	33	49	58	76	73		
Running current			A	0.33	0.30	0.35	0.51	0.44		
Fan	Airflow rate	Cooling	High	m³/h	550	600	650	800	940	
			Med		490	550	600	700	880	
			Low		470	500	550	600	820	
			Quiet		440	450	480	480	750	
		Heating	High		550	600	650	800	940	
			Med		490	550	600	700	880	
			Low		470	500	550	600	820	
			Quiet		440	450	480	480	750	
	Type × Q'ty		W	Sirocco × 2				Sirocco × 3		
	Motor output		W	80	81			96		
Recommended static pressure			Pa	0 to 90						
Sound pressure level			Cooling	High	dB(A)	28	28	29	32	32
				Med		26	27	28	30	31
				Low		25	26	27	28	30
				Quiet		24	25	26	26	29
			Heating	High		28	28	29	33	33
				Med		26	26	28	30	32
				Low		25	25	27	28	31
				Quiet		24	24	24	25	29
Sound power level		Cooling		57	57	58	60	58		
		Heating		57	57	58	61	59		
Heat exchanger	Dimension (H × W × D)		mm	294 × 500 × 26.6	294 × 500 × 39.9			294 × 700 × 39.9		
	Fin pitch			1.3						
	Rows × Stages			2 × 14	3 × 14					
	Pipe type			Copper tube						
	Fin Type			Aluminium						
Enclosure	Material			GALVANIZED STEEL SHEET						
	Colour			-						
Dimensions (H × W × D)	Net		mm	198 × 700 × 620				198 × 900 × 620		
	Gross			276 × 968 × 772				276 × 1168 × 772		
Weight	Net		kg	17	19			23		
	Gross			24	26			30		
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4in.)						
		Gas		Ø9.52 (Ø3/8in.)			Ø12.7 (Ø1/2in.)			
	Method			Flare						
Drain hose	Material			HARD PVC						
	size		mm	Φ25 (I.D.), Φ32 (O.D.)						
Operation range			Cooling	°C	18 to 32					
				%RH	80 or less					
			Heating		°C	16 to 30				
Remote controller type				Wired [Wireless (option)]						

Note : Specifications are based on the following conditions.
Static Pressure : 25Pa
The protective function may work when using it outside the operation range.

3-3. WALL MOUNTED TYPE

Model name				AS*G07LJCA		AS*G09LJCA		AS*G12LJCA		
Power source				1ø 230V ~ 50Hz						
Available voltage range				198-264V						
Capacity				2.0kW Class		2.5kW Class		3.5kW Class		
Input power			W	15		17		22		
Running current			A	0.13		0.15		0.19		
Fan	Airflow rate	Cooling	High	m³/h	560		600		660	
			Med		500		520		560	
			Low		430		430		450	
			Quiet		310		310		310	
		Heating	High		560		600		660	
			Med		500		520		560	
			Low		430		430		470	
			Quiet		330		330		330	
	Type × Q'ty			Crossflow ×1						
	Motor output			W	30					
Sound pressure level		Cooling	High	dB(A)	36		37		40	
			Med		32		33		36	
			Low		29		29		30	
			Quiet		21		21		21	
		Heating	High		36		37		40	
			Med		32		33		36	
			Low		29		29		31	
			Quiet		22		22		22	
Sound power level		Cooling		51		52		54		
		Heating		51		52		54		
Heat exchanger	Dimension (H × W × D)		mm	Main: 320 x 630 x 20 Sub: 84 x 630 x 13.3						
	Fin pitch			Main: 1.1, Sub:1.4						
	Rows × Stages			Main: 2 x 20, Sub:1 x 4						
	Pipe type			Copper tube						
	Fin Type			Aluminium						
Enclosure	Material			Polystyrene						
	Colour			WHITE (Approximate colour of MUNSELL N9.25)						
Dimensions (H × W × D)	Net		mm	280 × 790 × 203						
	Gross			263 × 840 × 375						
Weight	Net		kg	8						
	Gross			10.5						
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4in.)						
		Gas		Ø9.52 (Ø3/8in.)						
	Method			Flare						
Drain hose	Material			PP+LLDPE						
	size		mm	Φ13.8 (I.D.), Φ15.8 to 16.7 (O.D.)						
Operation range		Cooling	°C	18 to 32						
			%RH	80 or less						
		Heating	°C	16 to 30						
Remote controller type				Wireless [Wired (option)]						

Note : The protective function may work when using it outside the operation range.

Model name					AS*G07LUCA	AS*G09LUCA	AS*G12LUCA	AS*G14LUCA			
Power source					1ø 230V ~ 50Hz						
Available voltage range					198-264V						
Capacity					2.0kW Class	2.5kW Class	3.5kW Class	4.0kW Class			
Input power				W	13	16	19	23			
Running current				A	0.13	0.14	0.17	0.20			
Fan	Airflow rate	Cooling	High	m³/h	570	600	660	710			
			Med		520	550	600	640			
			Low		470	470	530	570			
			Quiet		330	330	330	390			
		Heating	High		570	600	660	710			
			Med		520	550	600	640			
			Low		470	470	530	590			
			Quiet		330	330	330	430			
		Type × Q'ty				Crossflow x 1					
		Motor output			W	29					
		Sound pressure level			Cooling	High	dB(A)	35	36	37	41
						Med		30	32	34	36
Low	28			28		31		33			
Quiet	21			21		21		25			
Heating	High			35	36	37		41			
	Med			30	32	34		36			
	Low			28	28	31		34			
	Quiet			21	21	21		27			
Sound power level		Cooling			53	54	55	59			
		Heating			53	54	55	59			
Heat exchanger	Dimensions (H × W × D)			mm	Main: 320 x 690 x 20 Sub: 84 x 690 x 13.3						
	Fin pitch				Main: 1.1 , Sub: 1.4						
	Rows x Stages				Main: 2 x 20 , Sub: 1 x 4						
	Pipe type				Copper tube						
	Fin type				Aluminium						
Enclosure	Material				Polystyrene						
	Colour				WHITE (Approximate colour of MUNSELL N9.3)						
Dimensions (H × W × D)	Net			mm	282 x 870 x 185						
	Gross				247 x 920 x 373						
Weight	Net			kg	9.5						
	Gross				12						
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4in)							
		Gas		Ø9.52 (Ø3/8in)			Ø12.7 (Ø1/2in)				
	Method			Flare							
Drain hose	Material			PP + LLDPE							
	Size			mm	Φ13.8 (I.D.), Φ15.8 to 16.7 (O.D.)						
Operation range		Cooling		°C	18 to 32						
				%RH	80 or less						
		Heating		°C	16 to 30						
Remote controller type					Wireless [Wired(option)]						

Note : The protective function may work when using it outside the operation range.

Model name				AS*G07LMCA	AS*G09LMCA	AS*G12LMCA	AS*G14LMCA	
Power source				1ø 230V ~ 50Hz				
Available voltage range				198-264V				
Capacity				2.0kW Class	2.5kW Class	3.5kW Class	4.0kW Class	
Input power			W	15	17	22	28	
Running current			A	0.13	0.15	0.19	0.25	
Fan	Airflow rate	Cooling	High	m³/h	560	600	660	730
			Med		500	520	560	600
			Low		430	430	450	530
			Quiet		310	310	310	360
		Heating	High		560	600	660	730
			Med		500	520	560	615
			Low		430	430	470	560
			Quiet		330	330	330	375
	Type × Q'ty			Crossflow × 1				
	Motor output		W	30				
Sound pressure level		Cooling	High	dB (A)	36	37	40	42
			Med		32	33	36	38
			Low		29	29	30	33
			Quiet		21	21	21	25
		Heating	High		36	37	40	42
			Med		32	33	36	38
			Low		29	29	31	35
			Quiet		22	22	22	27
Sound power level		Cooling		51	52	54	56	
		Heating		51	52	55	57	
Heat exchanger	Dimensions (H × W × D)		mm	Main: 320 × 630 × 20 Sub: 84 × 630 × 13.3				
	Fin pitch			Main: 1.1, Sub: 1.4				
	Rows × Stages			Main: 2 × 20, Sub: 1 × 4				
	Pipe type			Copper tube				
	Fin type			Aluminium				
Enclosure	Material		Polystyrene					
	Colour		WHITE (Approximate colour of MUNSELL N9.25)					
Dimensions (H × W × D)	Net		mm	268 × 840 × 203				
	Gross			270 × 884 × 336				
Weight	Net		kg	8.5				
	Gross			10.5				
Connection pipe	Size	Liquid	mm	Φ6.35 (Φ1/4in)				
		Gas		Φ9.52 (Φ3/8in)		Φ12.7 (Φ1/2in)		
	Method			Flare				
Drain hose	Material		PP+LLDPE					
	Size		Φ13.8 (I.D.), Φ15.8 to 16.7 (O.D.)					
Operation range		Cooling	°C	18 to 32				
			%RH	80 or less				
		Heating	°C	16 to 30				
Remote controller type			Wireless [Wired (option)]					

Note : The protective function may work when using it outside the operation range.

Model name				AS*G18LFCA		AS*G24LFCA		AS*G24LFCC		
Power source				1ø 230V ~ 50Hz						
Available voltage range				198-264V						
Capacity				5.0kW Class			7.0kW Class			
Input power			W	37			69			
Running current			A	0.33			0.53			
Fan	Airflow rate	Cooling	High	m³/h	900			1120		
			Med		740			900		
			Low		620			740		
			Quiet		550			620		
		Heating	High		900			1100		
			Med		740			900		
			Low		620			740		
			Quiet		550			620		
	Type × Q'ty			Crossflow × 1						
	Motor output		W	42			42		65	
Sound pressure level			Cooling	dB(A)	43			49		
					Med	37			42	
					Low	33			37	
					Quiet	26			33	
			Heating		High	42			48	
					Med	37			42	
					Low	33			37	
					Quiet	25			33	
Sound power level		Cooling		58			64			
		Heating		58			64			
Heat exchanger	Dimension (H × W × D)		mm	Main: 378 x 832 x 26.6 Sub: 84 x 832 x 13.3						
	Fin pitch			Main:1.2, Sub:1.4						
	Rows × Stages			Main: 2 x 18, Sub: 1 x 4			Main: 2 x 18, Sub: 1 x 4 + 1 x 4			
	Pipe type			Copper tube						
	Fin Type			Aluminium						
Enclosure	Material			Polystyrene						
	Colour			WHITE (Approximate colour of MUNSELL N9.25)						
Dimensions (H × W × D)	Net		mm	320 × 998 × 238						
	Gross			329 × 1090 × 420						
Weight	Net		kg	14						
	Gross			18						
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4in.)						
		Gas		Ø12.70 (Ø1/2in.)			Ø15.88 (Ø5/8in.)			
	Method			Flare						
Drain hose	Material			PVC						
	size		mm	Φ12 (I.D.), Φ16 (O.D.)						
Operation range		Cooling	°C	18 to 32						
			%RH	80 or less						
		Heating	°C	16 to 30						
Remote controller type				Wireless [Wired (option)]						

Note : The protective function may work when using it outside the operation range.

3-4.FLOOR / CEILING TYPE

Model name				AB*G14LVTA		AB*G18LVTA AB*G18LVTB		
Power source				1ø 230V ~ 50Hz				
Available voltage range				198-264V				
Capacity				4.0kW Class		5.0kW Class		
Input power			W	26		47		
Running current			A	0.21		0.36		
Fan	Airflow rate	Cooling	High	m³/h	640		780	
			Med		590		700	
			Low		540		560	
			Quiet		480		500	
		Heating	High		640		780	
			Med		590		700	
			Low		540		560	
			Quiet		480		500	
	Type × Q'ty			Sirocco x 2				
	Motor output		W	80				
Sound pressure level		Cooling	dB(A)	36 (Under ceiling) 39 (Floor console)		41 (Under ceiling) 44 (Floor console)		
				Med	34 (Under ceiling) 37 (Floor console)		38 (Under ceiling) 41 (Floor console)	
					Low	33 (Under ceiling) 36 (Floor console)		34 (Under ceiling) 37 (Floor console)
				Heating		29 (Under ceiling) 32 (Floor console)		32 (Under ceiling) 35 (Floor console)
		High			36 (Under ceiling) 39 (Floor console)		41 (Under ceiling) 44 (Floor console)	
					Med	34 (Under ceiling) 37 (Floor console)		38 (Under ceiling) 41 (Floor console)
		Low				33 (Under ceiling) 36 (Floor console)		34 (Under ceiling) 37 (Floor console)
				Quiet	29 (Under ceiling) 32 (Floor console)		32 (Under ceiling) 35 (Floor console)	
Sound power level		Cooling	51		55			
		Heating	51		55			
Heat exchanger	Dimension (H × W × D)		mm	252 × 800 × 26.6		252 × 800 × 39.9		
	Fin pitch			1.2		1.3		
	Rows × Stages			2 × 12		3 × 12		
	Pipe type			Copper tube				
	Fin Type			Aluminium				
Enclosure	Material		ABS					
	Colour		WHITE (Approximate colour of MUNSELL N9.25)					
Dimensions (H × W × D)	Net		mm	199 × 990 × 655				
	Gross			320 × 1150 × 790				
Weight	Net		kg	27				
	Gross			36				
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4in.)				
		Gas		Ø12.70 (Ø1/2in.)				
	Method			Flare				
Drain hose	Material		Hard PVC					
	size		ø25 (I.D.), ø32 (O.D.)					
Operation range		Cooling	°C	18 to 32				
			%RH	80 or less				
		Heating	°C	16 to 30				
Remote controller type				Wireless [Wired (option)]				

Note : The protective function may work when using it outside the operation range.

3-5. FLOOR TYPE

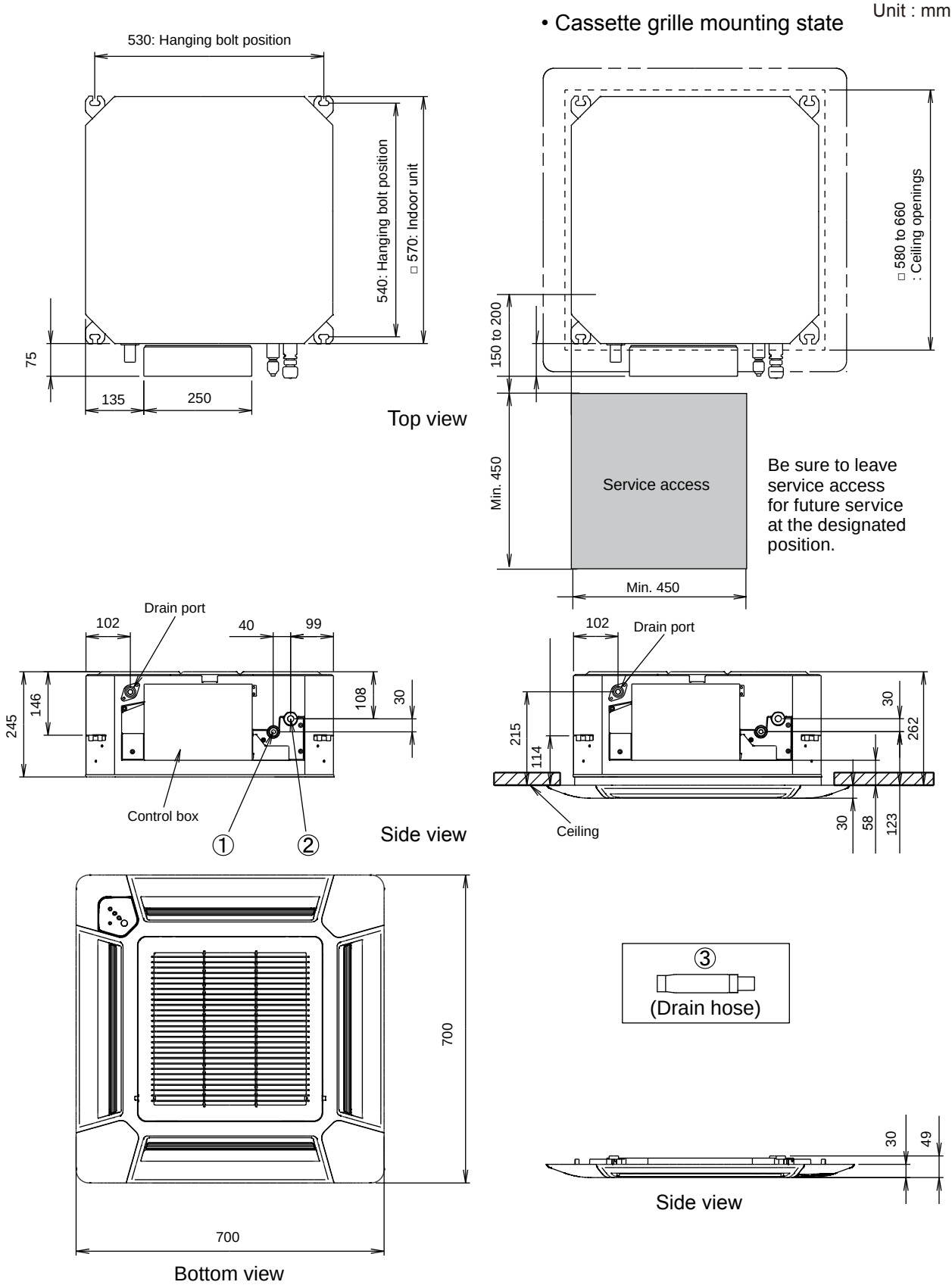
Model name				AG*G09LVCA		AG*G12LVCA		AG*G14LVCA		
Power source				1ø 230V ~ 50Hz						
Available voltage range				198-264V						
Capacity				2.5kW Class		3.5kW Class		4.0kW Class		
Input power			W	16		20		23		
Running current			A	0.15		0.18		0.20		
Fan	Airflow rate	Cooling	High	m³/h	530		600		650	
			Med		440		490		520	
			Low		360		380		400	
			Quiet		270		270		270	
		Heating	High		530		600		650	
			Med		460		510		540	
			Low		380		410		430	
			Quiet		270		270		270	
	Type × Q'ty			Crossflow x 2						
	Motor output			W	42					
Sound pressure level		Cooling	High	dB(A)	39		42		44	
			Med		34		36		38	
			Low		28		30		31	
			Quiet		22		22		22	
		Heating	High		39		42		44	
			Med		35		38		39	
			Low		30		32		33	
			Quiet		22		22		22	
Sound power level		Cooling		52		55		56		
		Heating		52		55		56		
Heat exchanger	Dimension (H × W × D)		mm	378 × 550 × 26.6						
	Fin pitch			1.2						
	Rows × Stages			2 x 18						
	Pipe type			Copper tube						
	Fin Type			Aluminium						
Enclosure	Material			Polystyrene						
	Colour			WHITE (Approximate colour of MUNSELL N9.25)						
Dimensions (H × W × D)	Net		mm	600 × 740 × 200						
	Gross			700 × 820 × 310						
Weight	Net		kg	14						
	Gross			17						
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4in.)						
		Gas		Ø9.52 (Ø3/8in.)				Ø12.70 (Ø1/2in.)		
	Method			Flare						
Drain hose	Material			PVC						
	size		mm	Φ13.8 (I.D.), Φ16.7 (O.D.)						
Operation range		Cooling	°C	18 to 32						
			%RH	80 or less						
		Heating	°C	16 to 30						
Remote controller type				Wireless [Wired (option)]						

Note : The protective function may work when using it outside the operation range.

4. DIMENSIONS

4-1. COMPACT CASSETTE TYPE

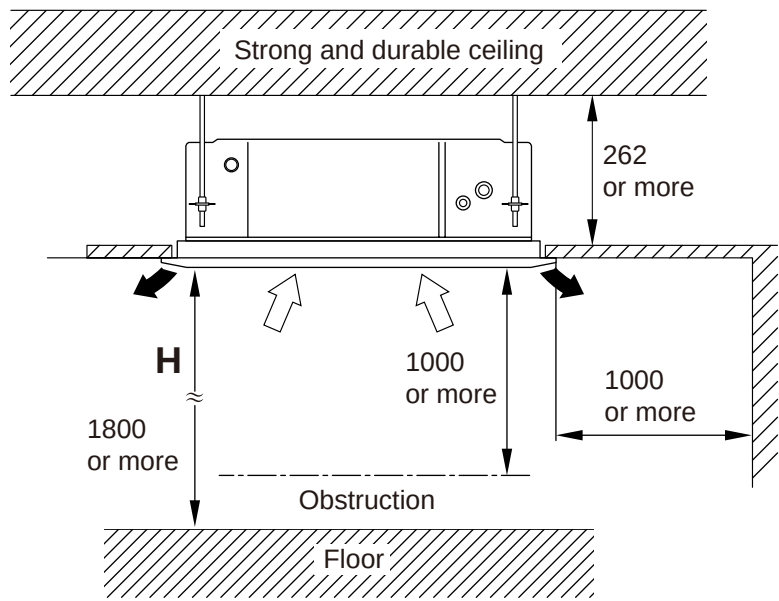
■ MODELS : AU*G07LVLA, AU*G09LVLA, AU*G12LVLA, AU*G14LVLA, AU*G18LVLA, AU*G12LVLB, AU*G14LVLB, AU*G18LVLB



			AU*G07L, AU*G09L, AU*G12L	AU*G14L, AU*G18L
①	Refrigerant pipe flare connection	Liquid	ø 6.35 mm (ø 1/4 in.)	ø 6.35 mm (ø 1/4 in.)
②		Gas	ø 9.52 mm (ø 3/8 in.)	ø 12.70 mm (ø 1/2 in.)
③	Drain hose connection	Drain hose	O.D. 32mm (VP25)	

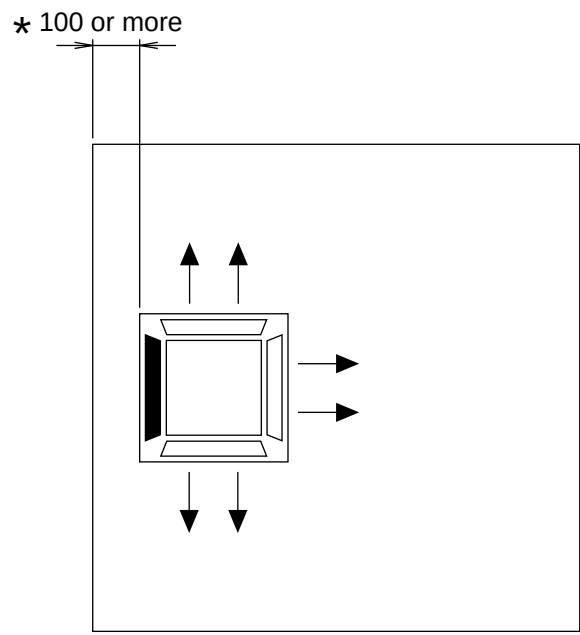
■ INSTALLATION PLACE

Unit : mm



	H (The maximum height from floor to ceiling) Unit: mm				
Model name	AU*G07	AU*G09	AU*G12	AU*G14	AU*G18
Standard mode	2700	2700	2700	2700	2700
High Ceiling mode	-	-	3000	3000	3000

● 3-way directions setting



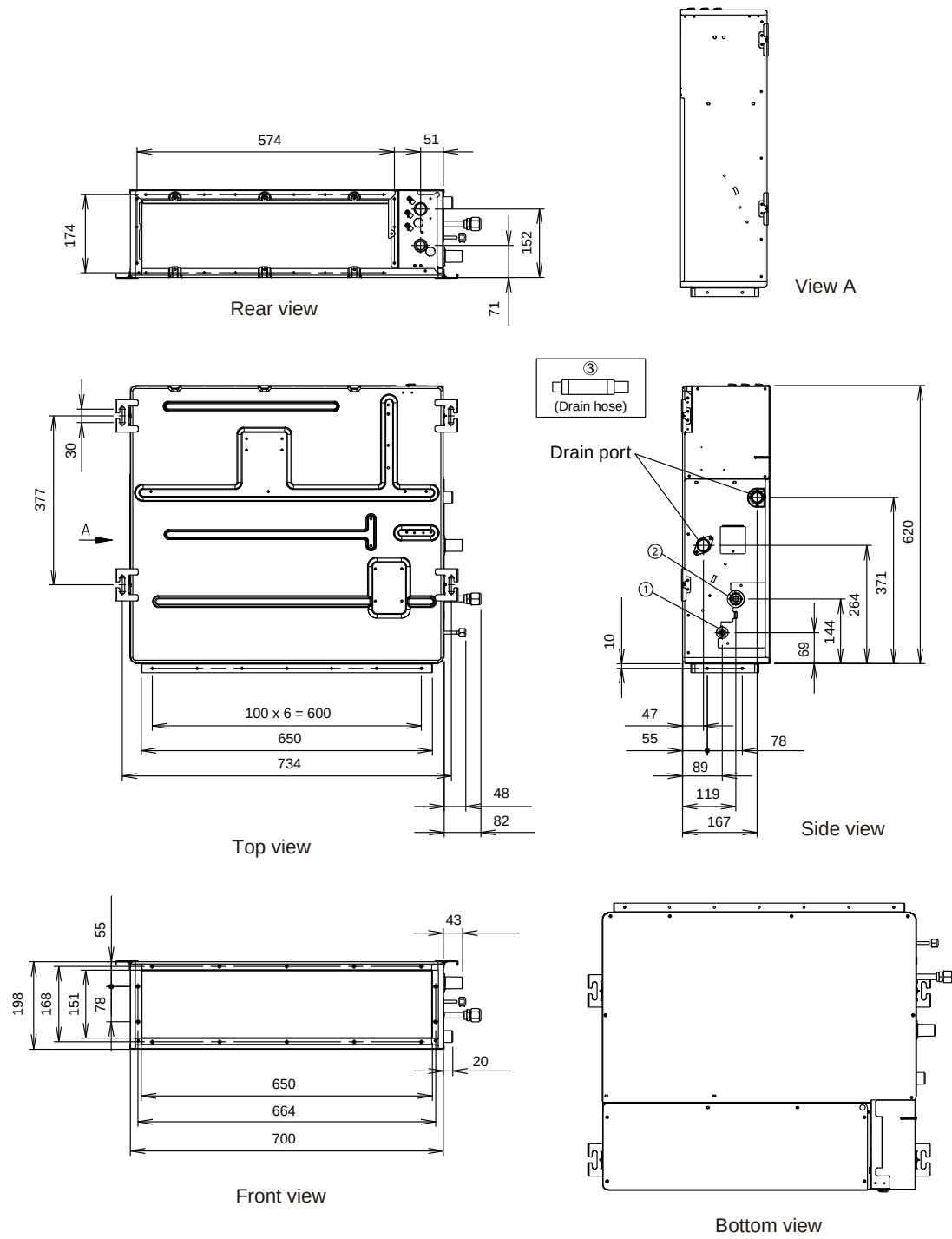
To set “3-way directions”, the air outlet shutter plate (UTR-YDZB) sold separately must be installed and “outlet-direction” switched to “3-way” by remote controller.

*When installing the indoor unit, be careful about the maintenance space.

4-2. SLIM DUCT TYPE

■ MODELS : AR*G07LLTA, AR*G09LLTA, AR*G12LLTA,
AR*G14LLTA,
AR*G12LLTB, AR*G14LLTB

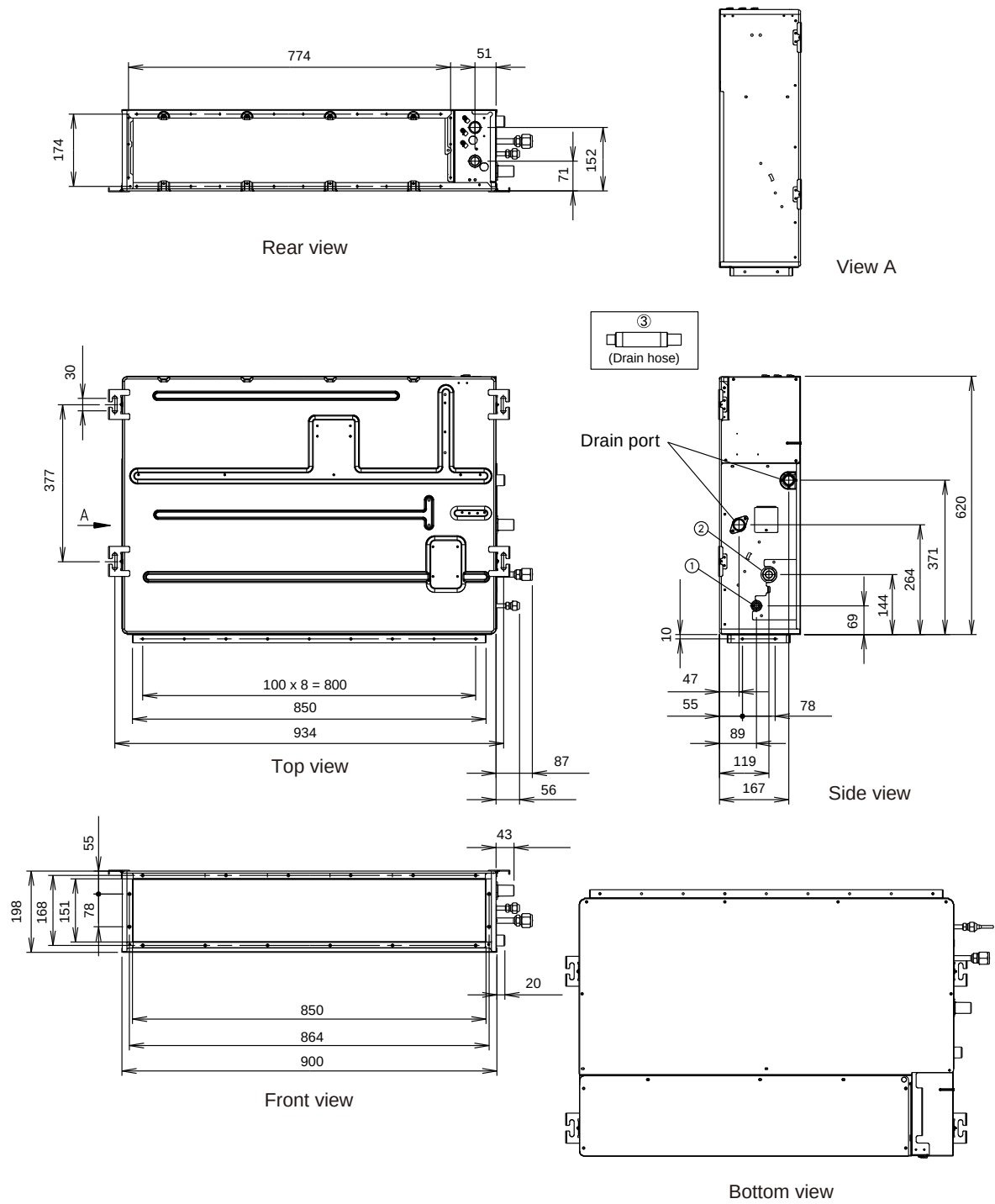
Unit : mm



			AR*G07L, AR*G09L, AR*G12L	AR*G14L
①	Refrigerant pipe flare connection	Liquid	ø 6.35 mm (ø 1/4 in.)	
②		Gas	ø 9.52 mm (ø 3/8 in.)	ø 12.70 mm (ø 1/2 in.)
③	Drain hose connection	Drain hose	O.D. 32mm (VP25)	

■ **MODEL : AR*G18LLTA,
AR*G18LLTB**

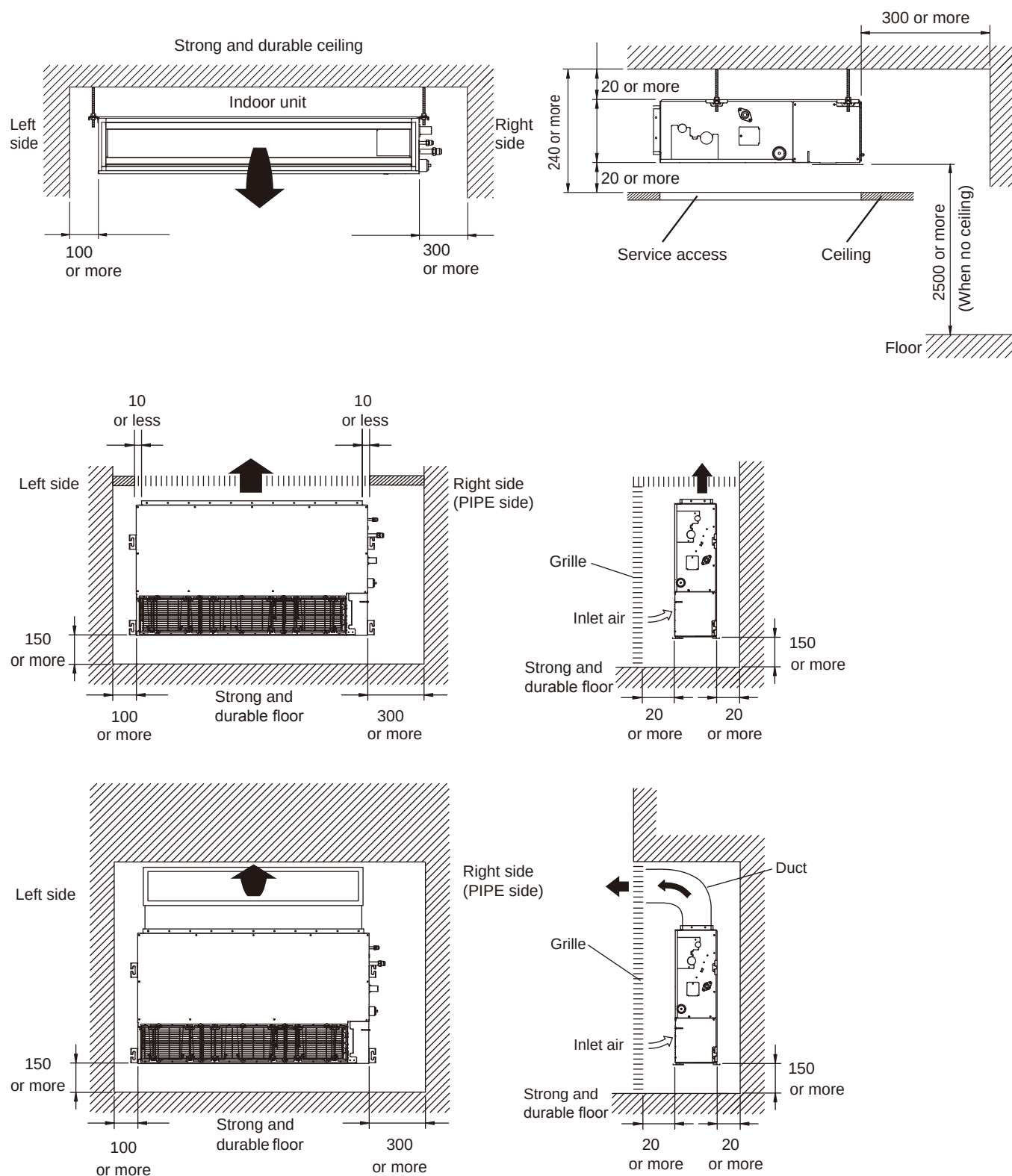
Unit : mm



			AR*G18L
①	Refrigerant pipe flare connection	Liquid	ø 6.35 mm (ø 1/4 in.)
②		Gas	ø 12.70 mm (ø 1/2 in.)
③	Drain hose connection	Drain hose	O.D. 32mm (VP25)

Unit : mm

■ INSTALLATION PLACE

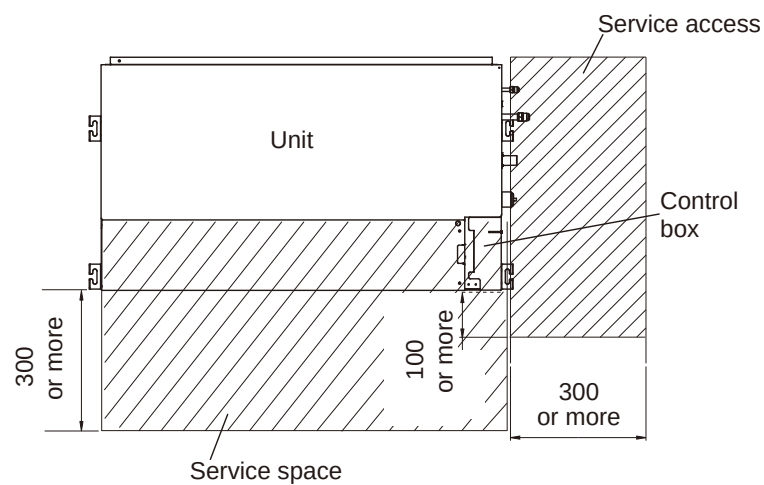


Unit : mm

■ MAINTENANCE SPACE

Provide a service access for inspection purposes as shown below.

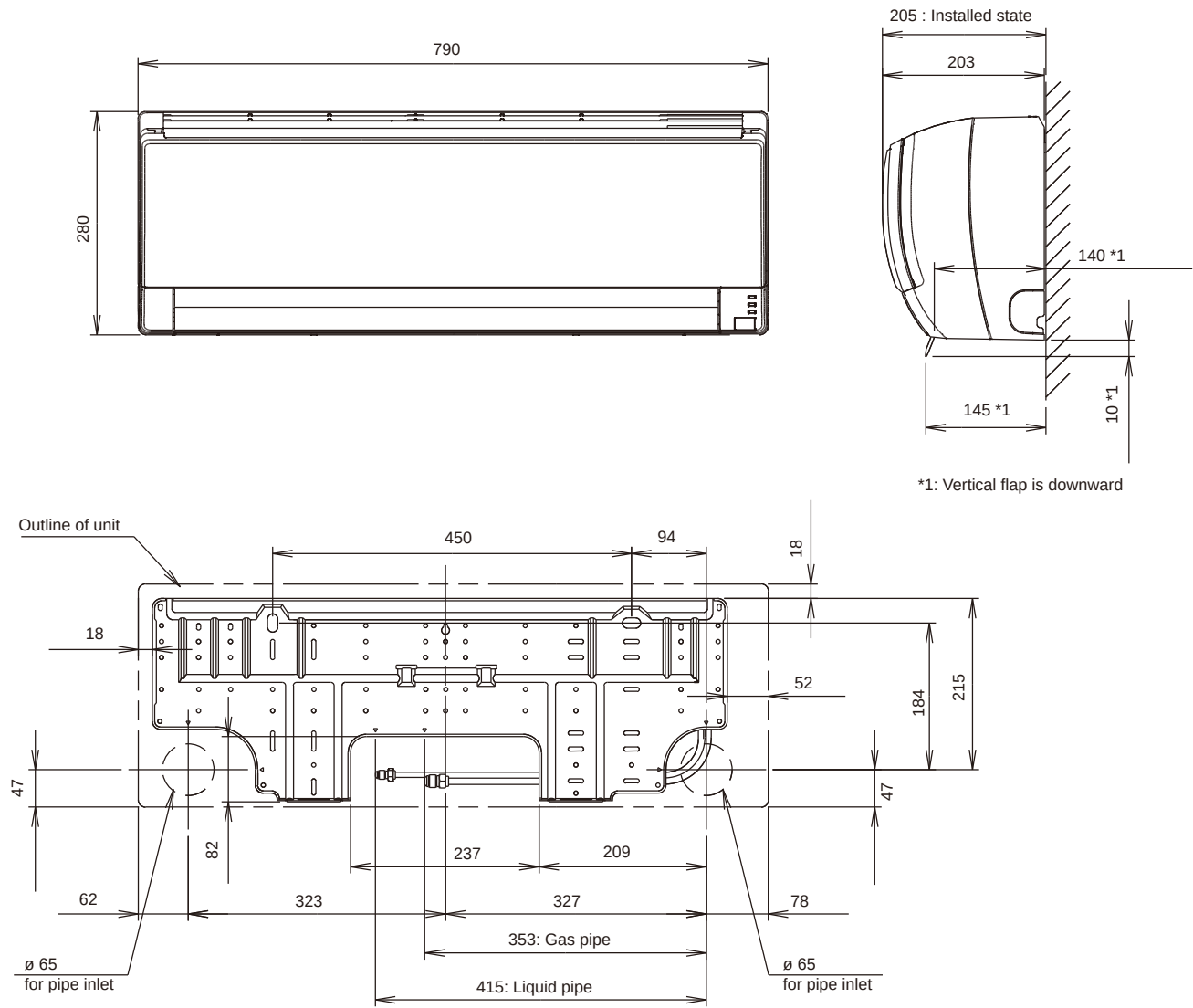
Do not place any wiring or illumination in the service space, as they will impede service.



4-3. WALL MOUNTED TYPE

■ MODELS : AS*G07LJCA, AS*G09LJCA, AS*G12LJCA

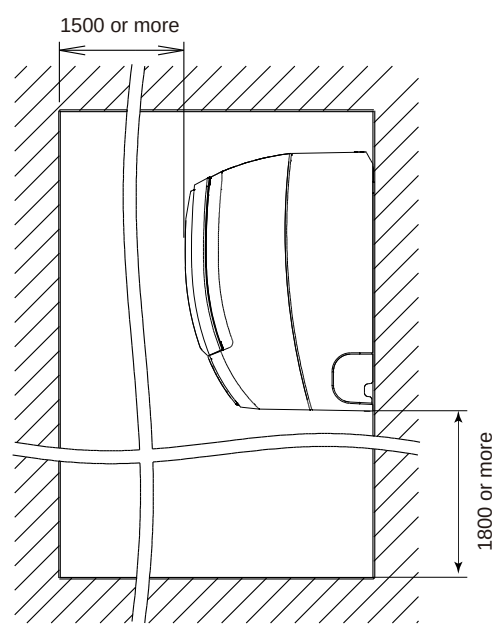
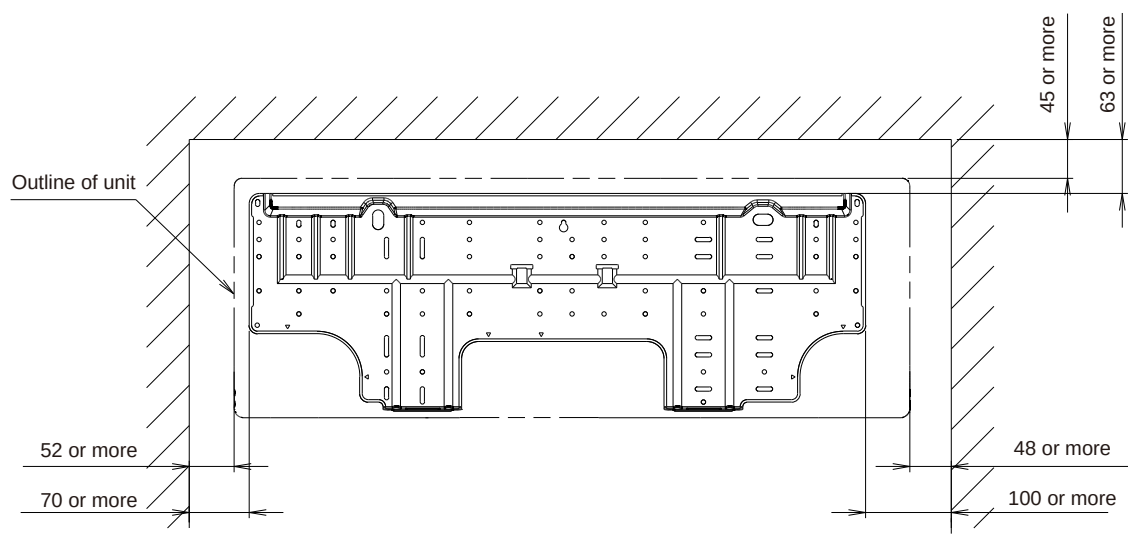
Unit : mm



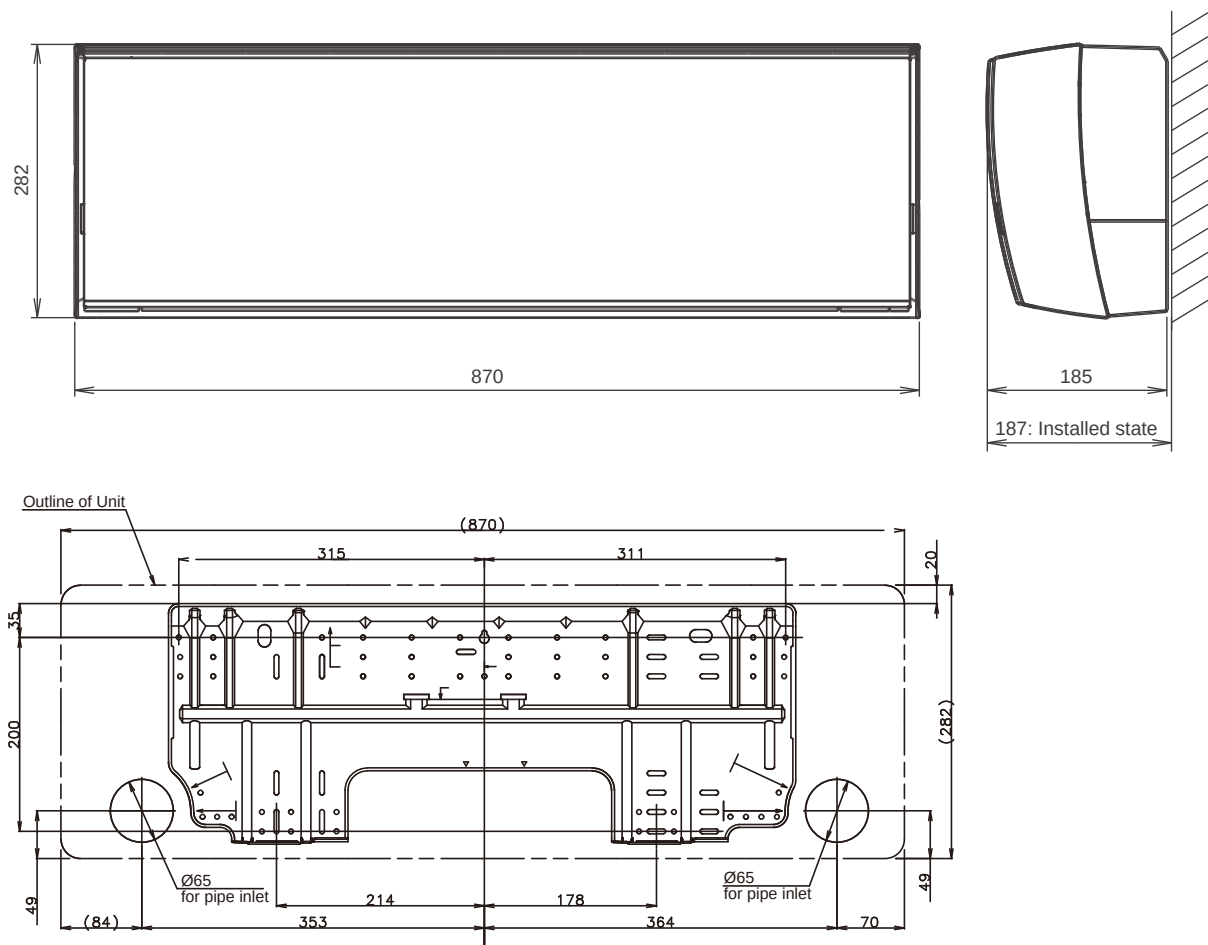
			AS*G07L, AS*G09L, AS*G12L
①	Refrigerant pipe flare connection	Liquid	ø 6.35 mm (ø 1/4 in.)
②		Gas	ø 9.52 mm (ø 3/8 in.)
③	Drain hose connection	Drain hose	I.D. 13.8 mm, O.D. 15.8 to 16.7 mm Total length : 600 mm

■ INSTALLATION PLACE

Unit : mm

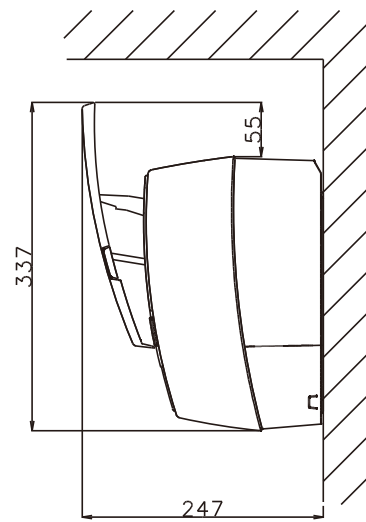
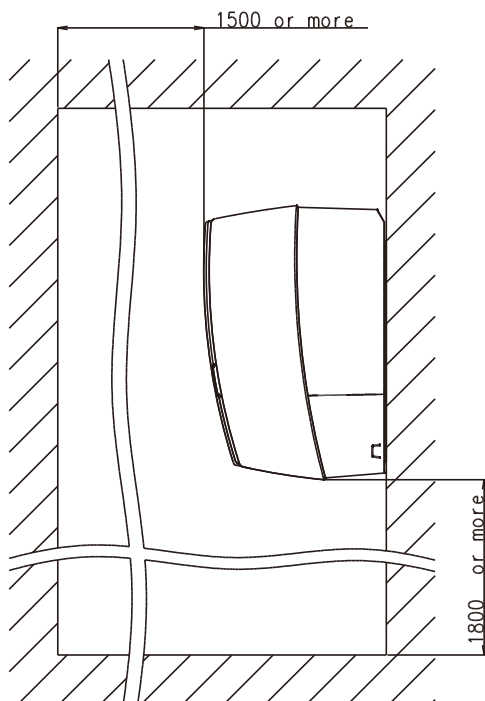
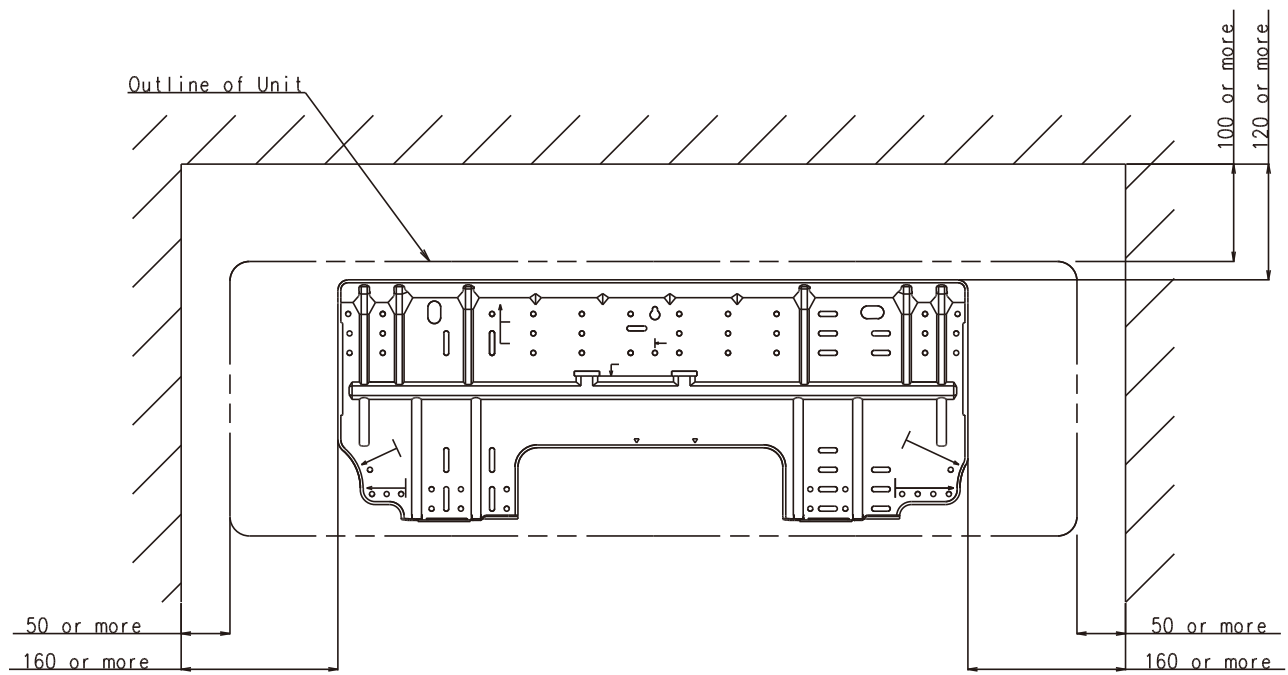


■ MODELS : AS*G07LUCA, AS*G09LUCA, AS*G12LUCA,
AS*G14LUCA



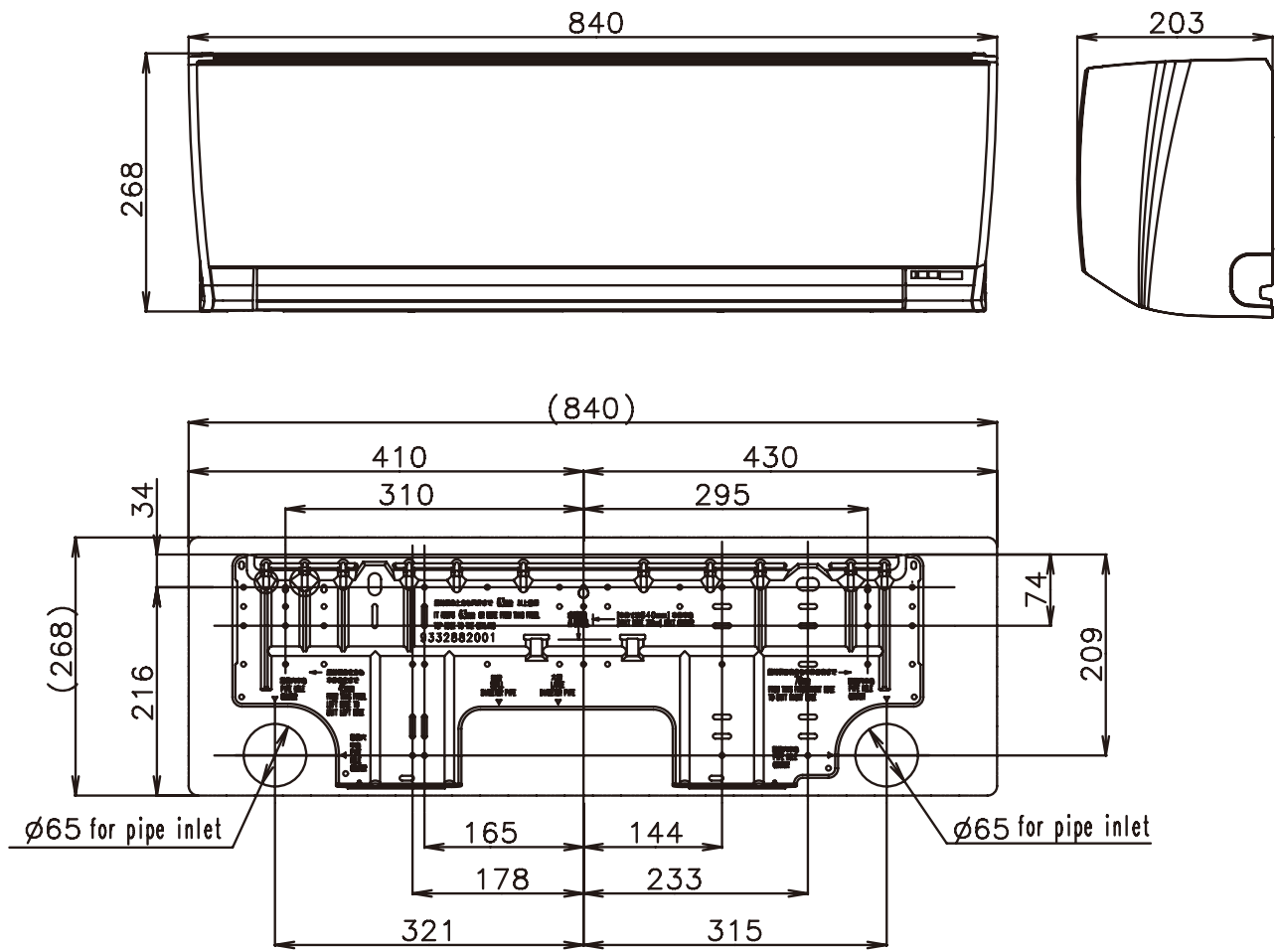
			AS*G07LU, AS*G09LU, AS*G12LU	AS*G14LU
①	Refrigerant pipe flare connection	Liquid	ø 6.35 mm (ø 1/4 in.)	ø 6.35 mm (ø 1/4 in.)
②		Gas	ø 9.52 mm (ø 3/8 in.)	ø 12.70 mm (ø 1/2 in.)
③	Drain hose connection	Drain hose	I.D. 13.8 mm, O.D. 15.8 to 16.7 mm Total length : 600 mm	

■ INSTALLATION PLACE



■ MODELS : AS*G07LMCA, AS*G09LMCA, AS*G12LMCA,
AS*G14LMCA

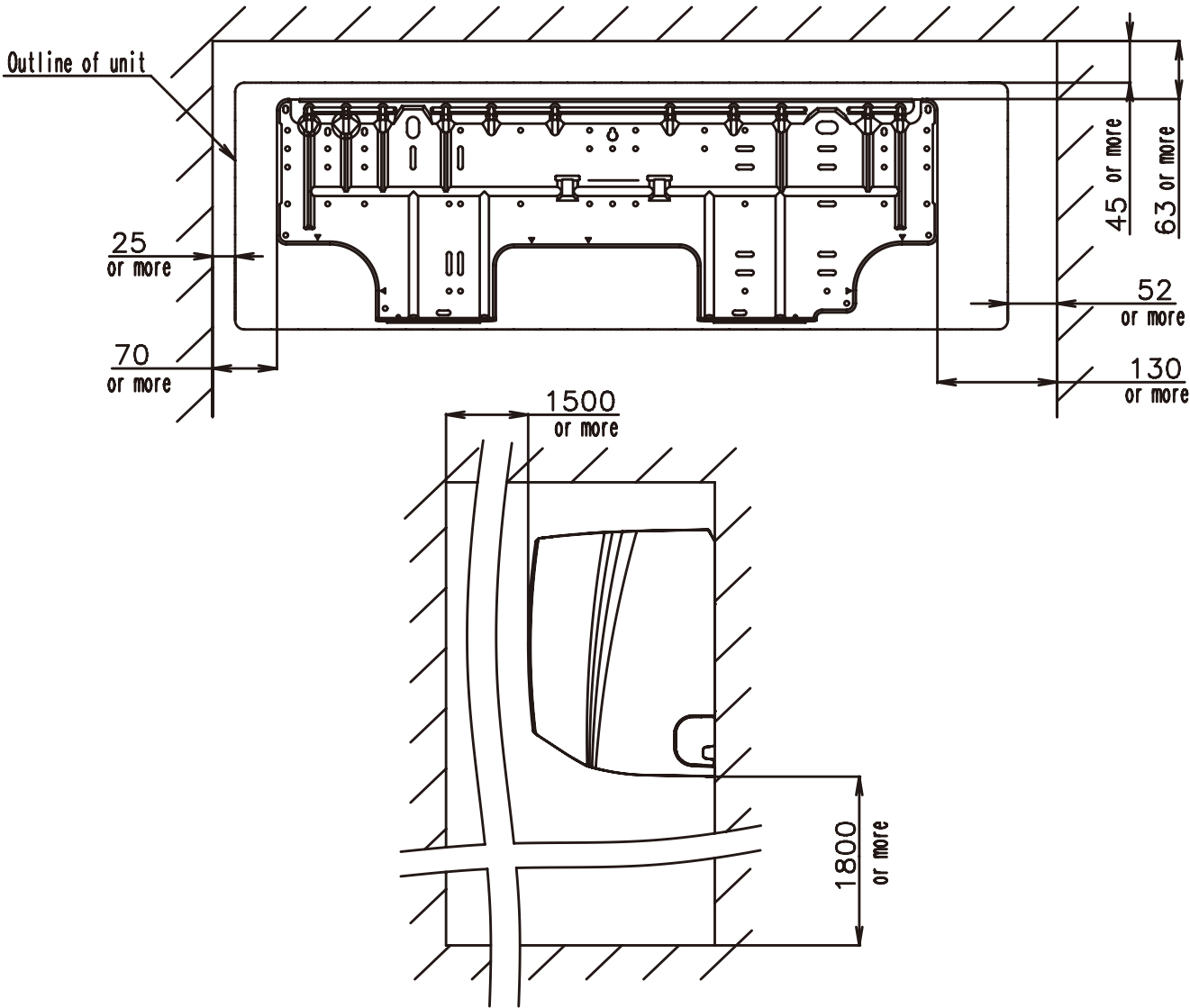
(Unit : mm)



			AS*G07LM, AS*G09LM, AS*G12LM	AS*G14LM
①	Refrigerant pipe flare connection	Liquid	ø 6.35 mm (1/4 in.)	ø 6.35 mm (1/4 in.)
②		Gas	ø 9.52 mm (3/8 in.)	ø 12.70 mm (1/2 in.)
③	Drain hose connection	Drain hose	I.D. 13.8 mm, O.D. 15.8 to 16.7 mm Total length : 600 mm	

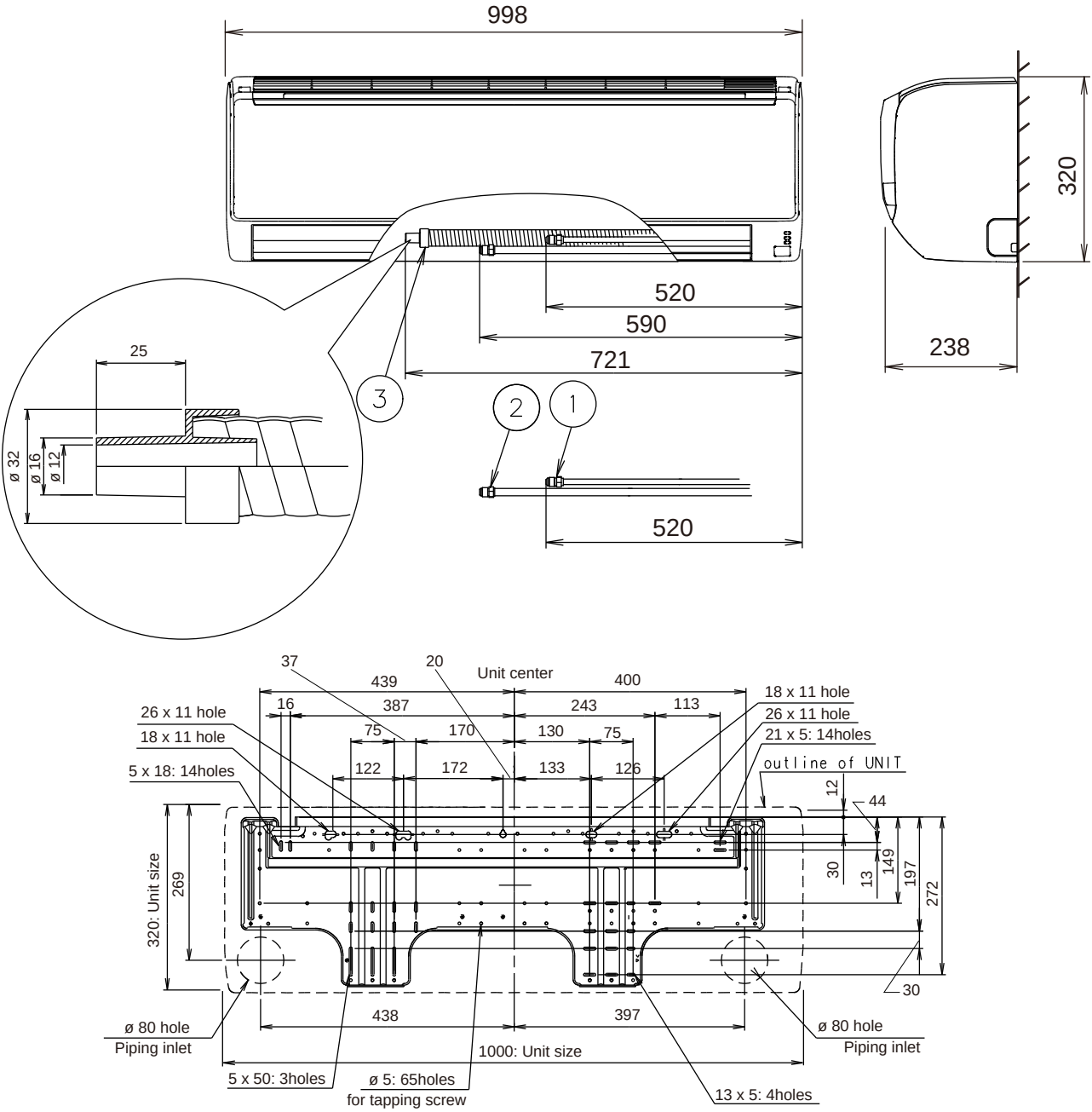
■ INSTALLATION PLACE

(Unit : mm)



MODELS : AS*G18LFCA, AS*G24LFCA, AS*G24LFCC

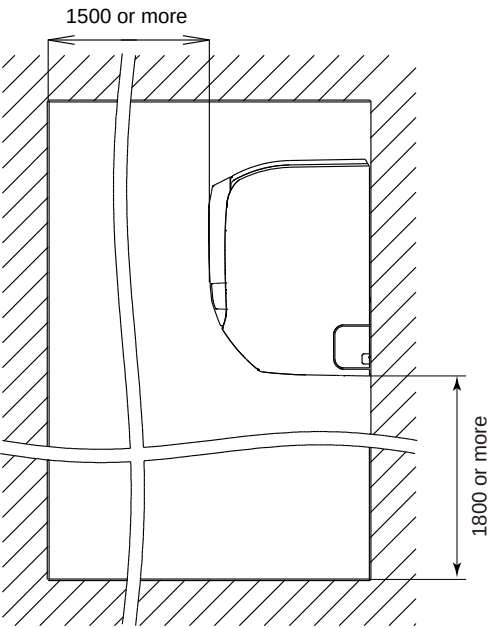
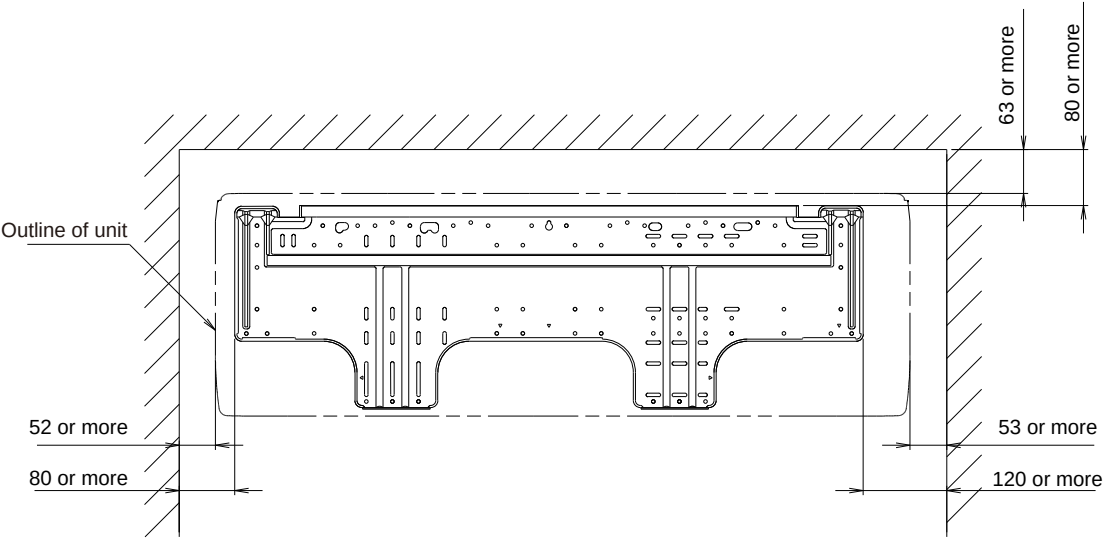
Unit : mm



			AS*G18L	AS*G24L
①	Refrigerant pipe flare connection	Liquid	ø 6.35 mm (ø 1/4 in.)	ø 6.35 mm (ø 1/4 in.)
②		Gas	ø 12.70 mm (ø 1/2 in.)	ø 15.88 mm (ø 5/8 in.)
③	Drain hose connection	Drain hose	I.D. 12 mm , O.D. 16 mm Total length : 670 mm	

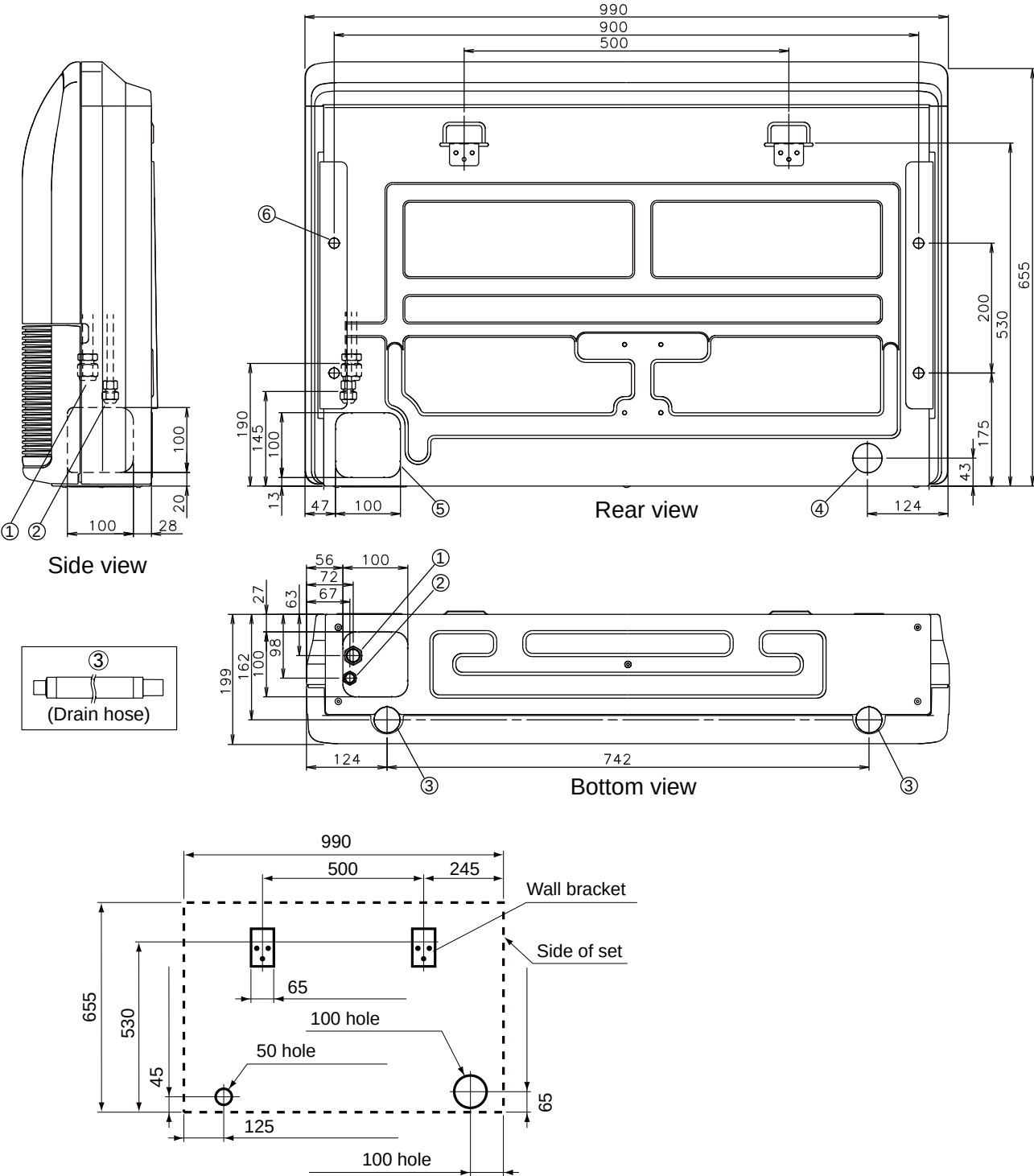
■ INSTALLATION PLACE

Unit : mm



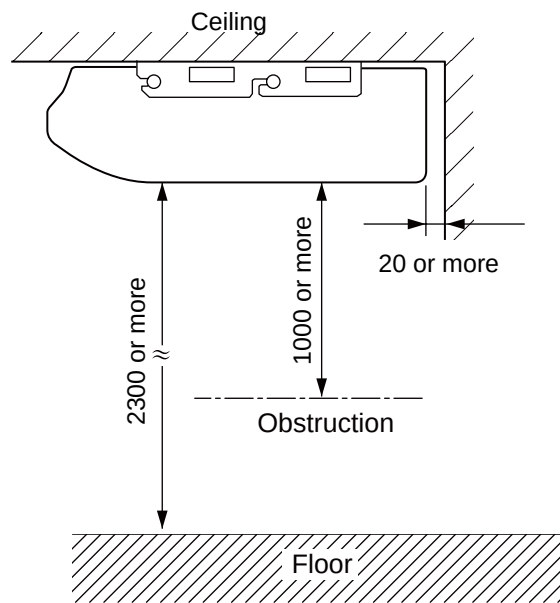
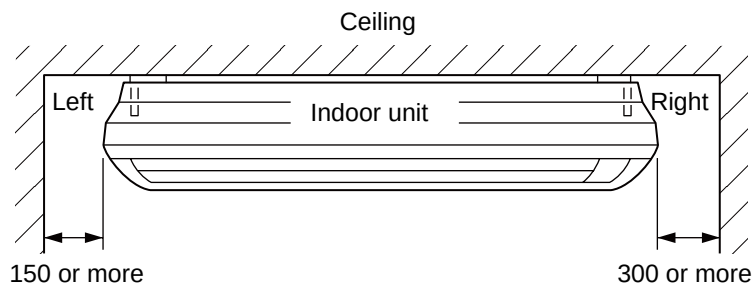
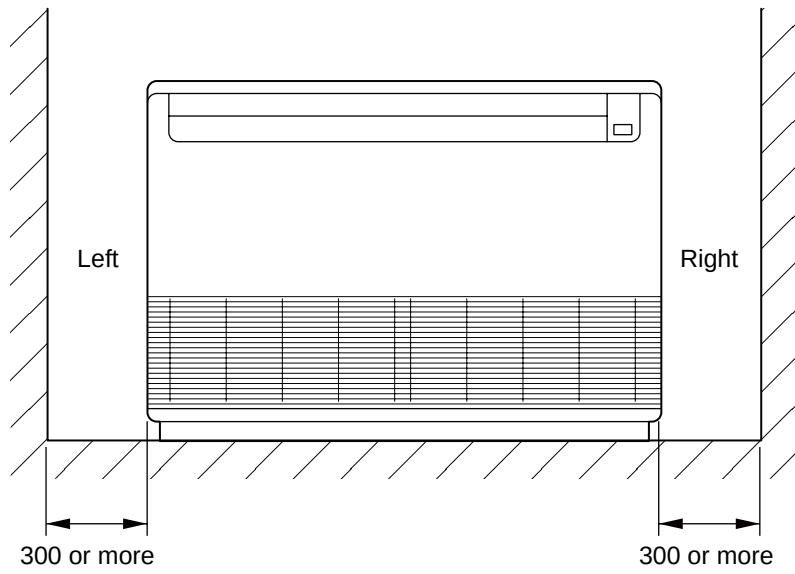
4-4.FLOOR / CEILING TYPE

■ MODELS : AB*G14LVTA, AB*G18LVTA,
AB*G18LVTB



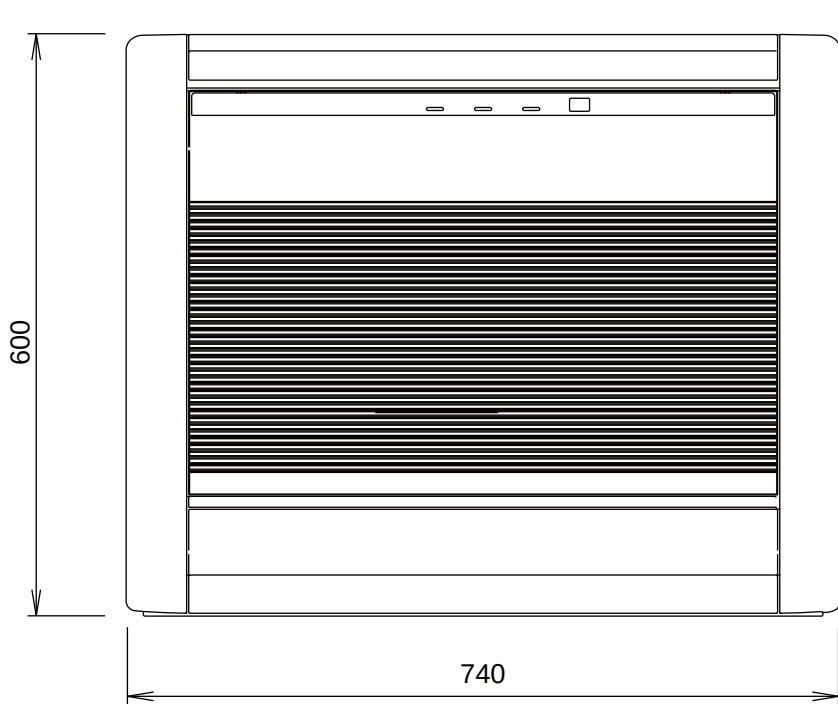
			AB*G14L, AB*G18L
①	Refrigerant pipe flare connection	Liquid	ø 6.35 mm (ø 1/4 in.)
②		Gas	ø 12.70 mm (ø 1/2 in.)
③	Drain hose connection	Drain hose	O.D. 32 mm (VP25)
④	Knock out hole	Drain outlet	ø 45 mm
⑤		-	-
⑥	Hole for suspension bolt	-	Use M10 bolt

■ INSTALLATION PLACE

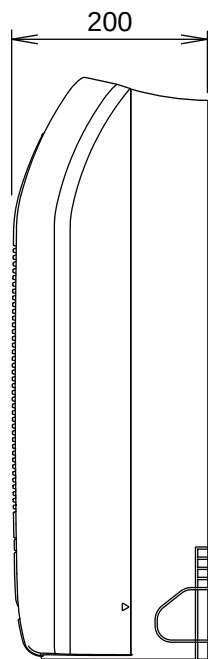


4-5. FLOOR TYPE

■ MODELS : AG*G09LVCA, AG*G12LVCA, AG*G14LVCA

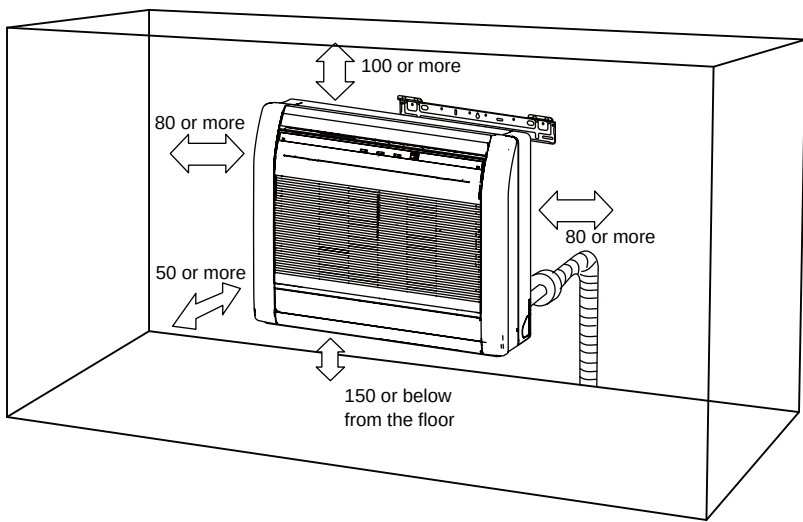


Front view



Side view

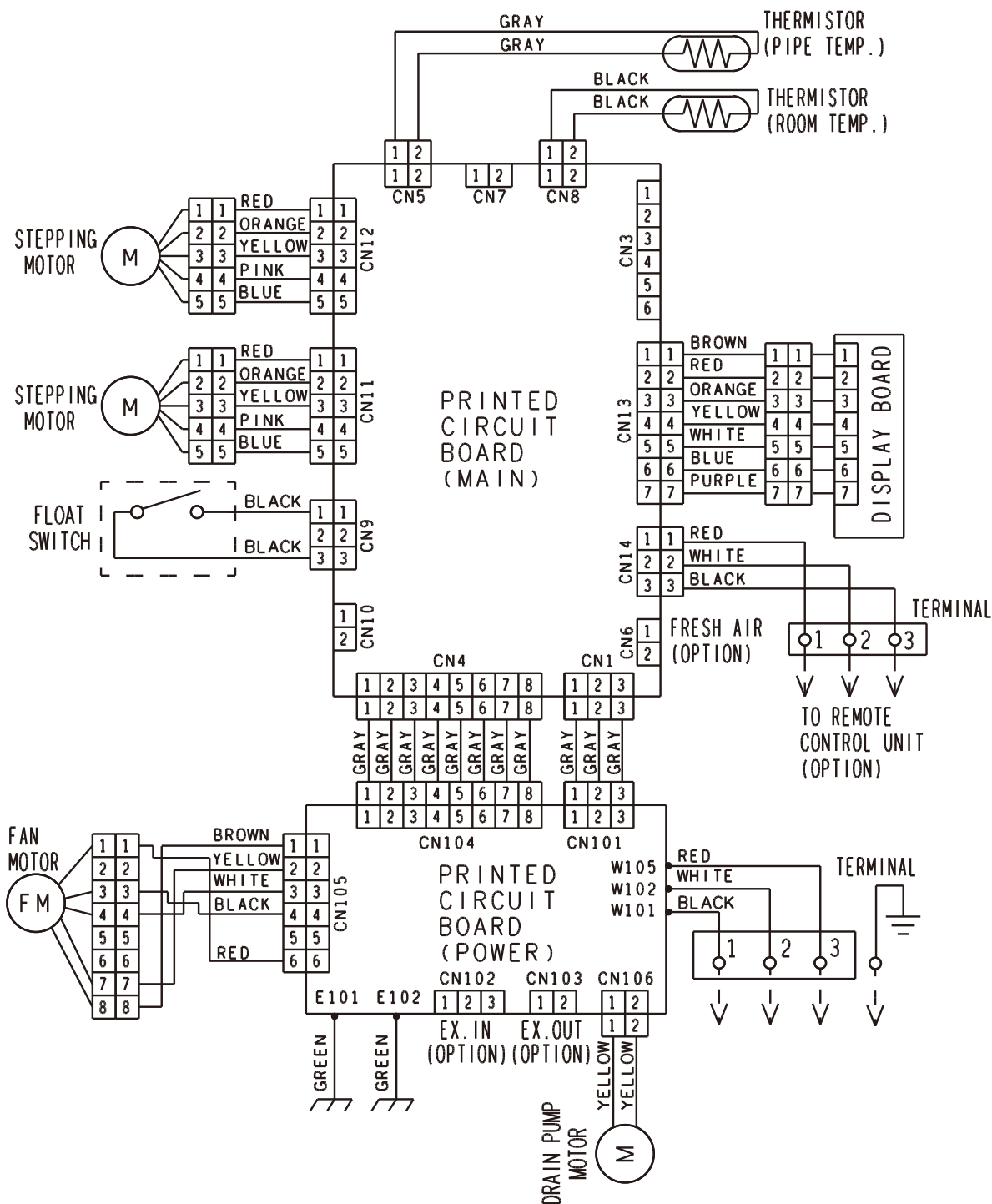
■ INSTALLATION PLACE



5. WIRING DIAGRAMS

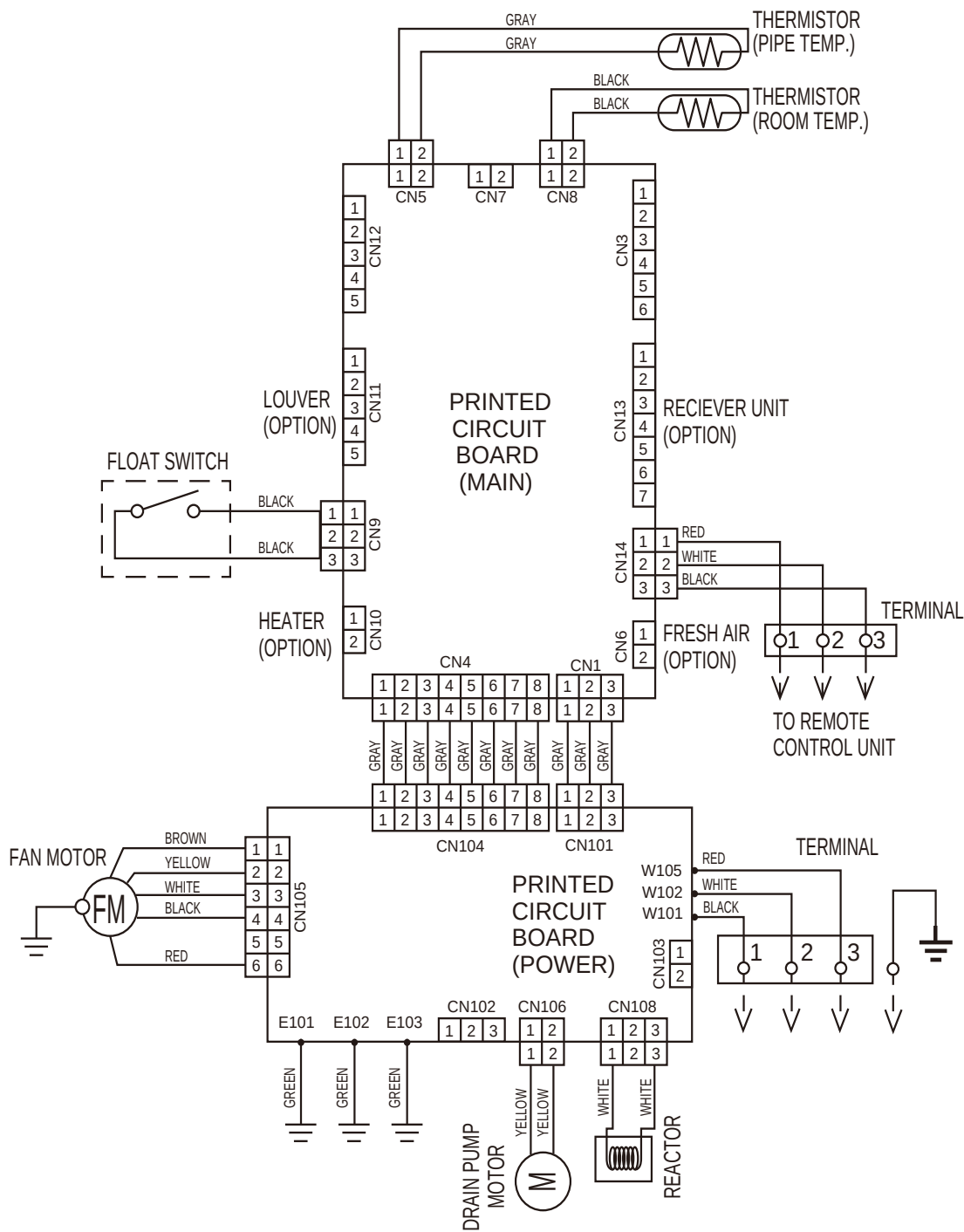
5-1. COMPACT CASSETTE TYPE

■ MODELS : AU*G07LVLA, AU*G09LVLA, AU*G12LVLA,
AU*G14LVLA, AU*G18LVLA,
AU*G12LVLB, AU*G14LVLB, AU*G18LVLB



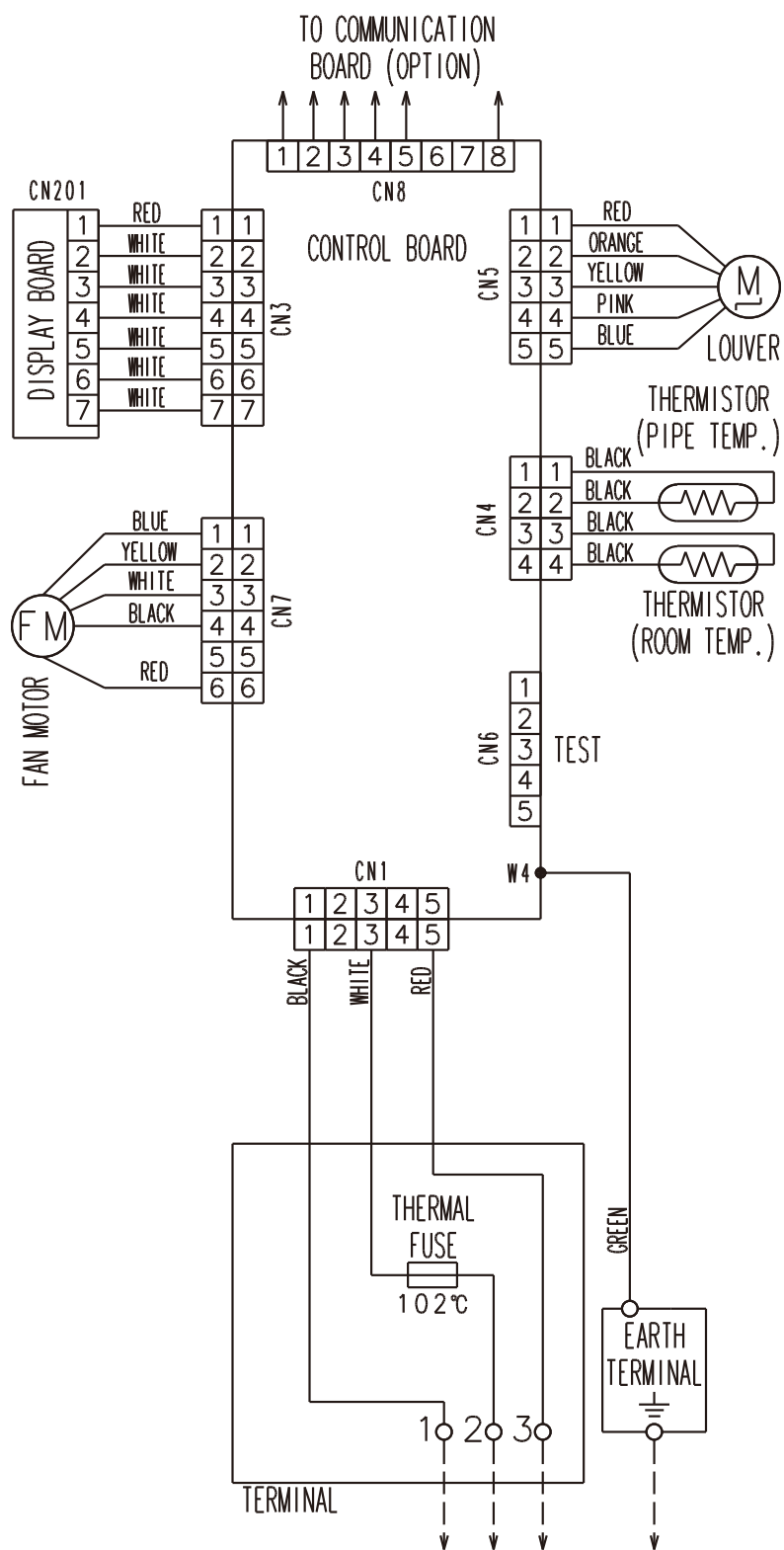
5-2. SLIM DUCT TYPE

■ MODELS : AR*G07LLTA, AR*G09LLTA, AR*G12LLTA,
AR*G14LLTA, AR*G18LLTA,
AR*G12LLTB, AR*G14LLTB, AR*G18LLTB

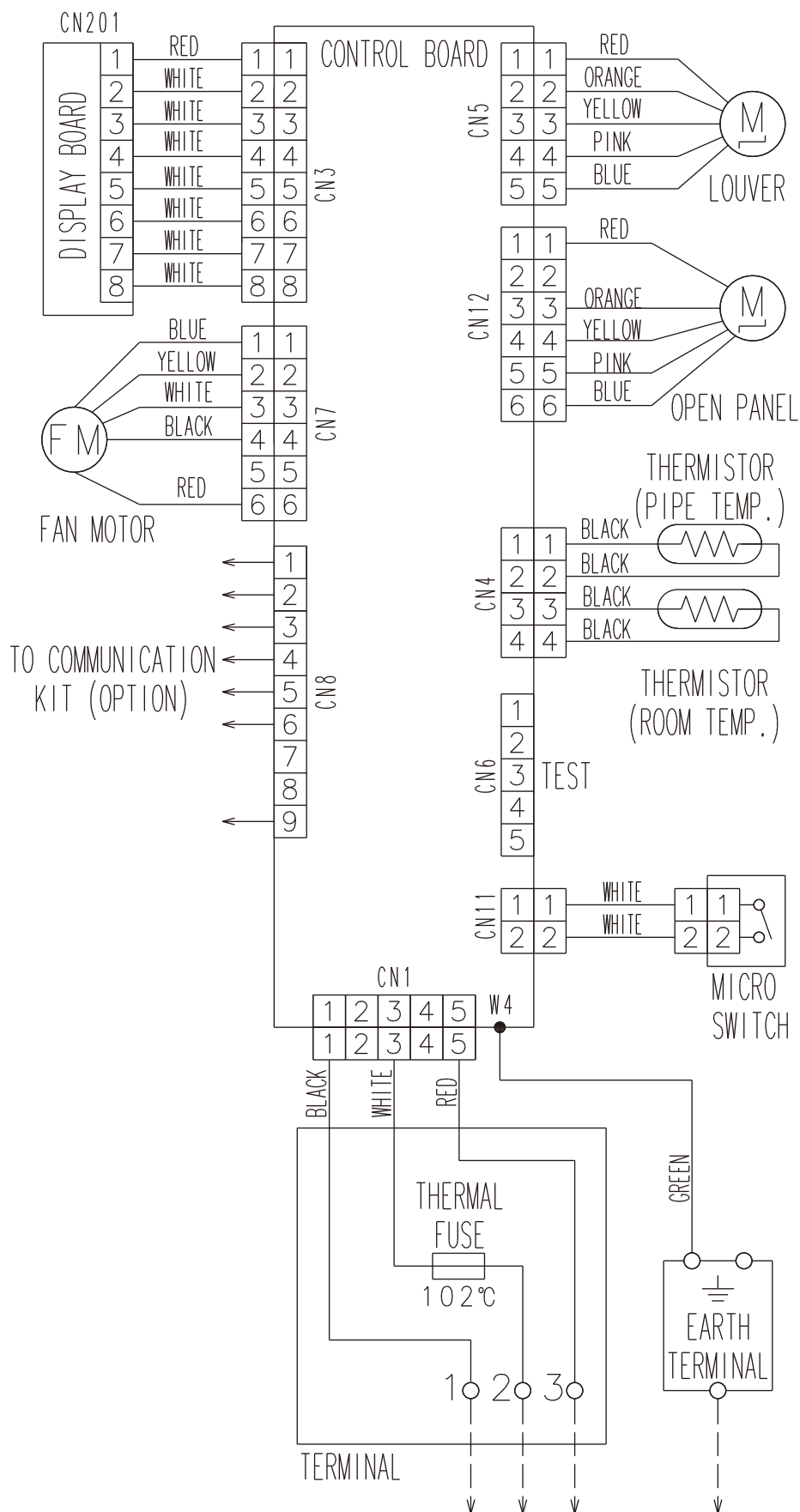


5-3. WALL MOUNTED TYPE

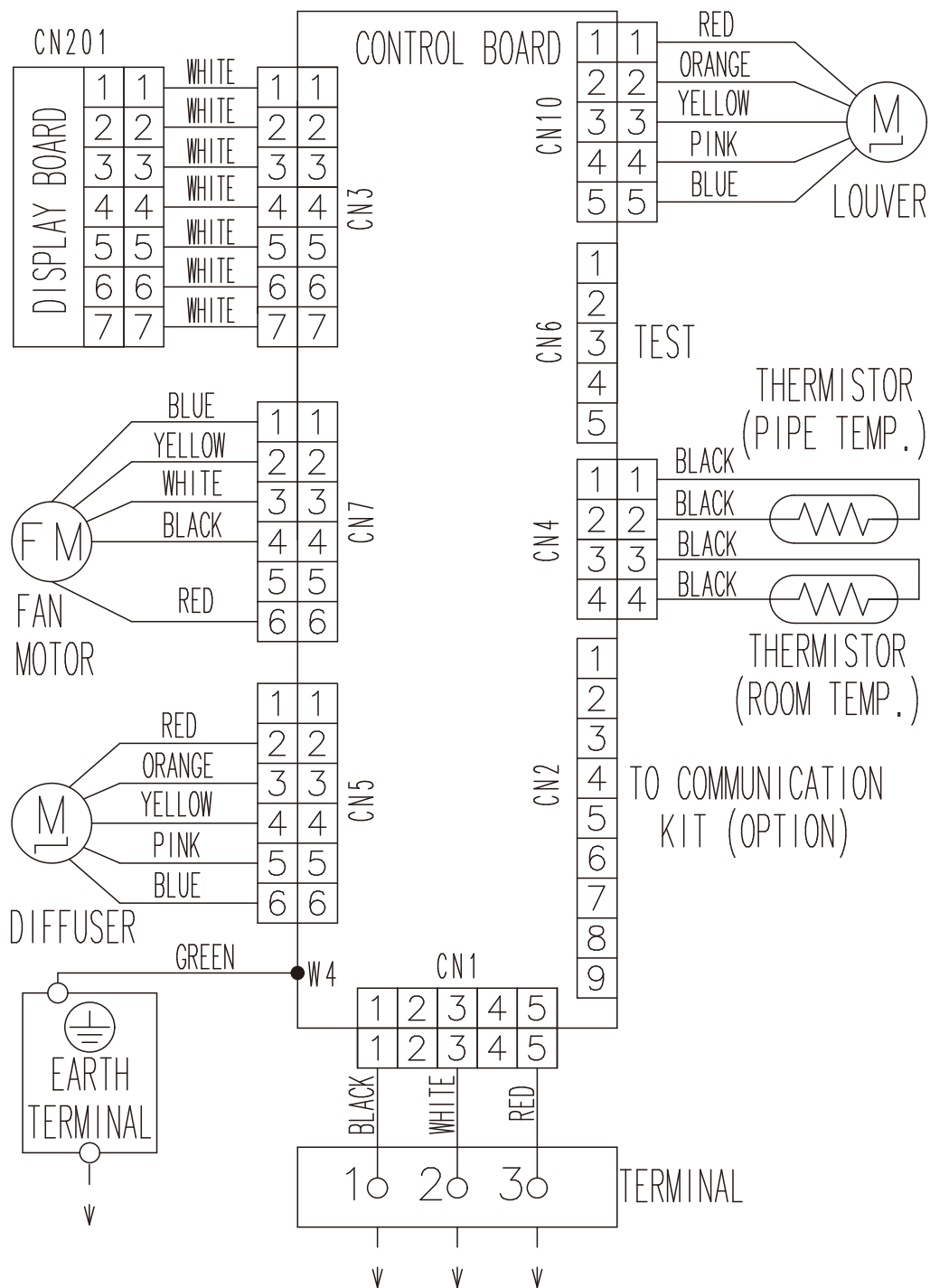
■ MODELS : AS*G07LJCA, AS*G09LJCA, AS*G12LJCA



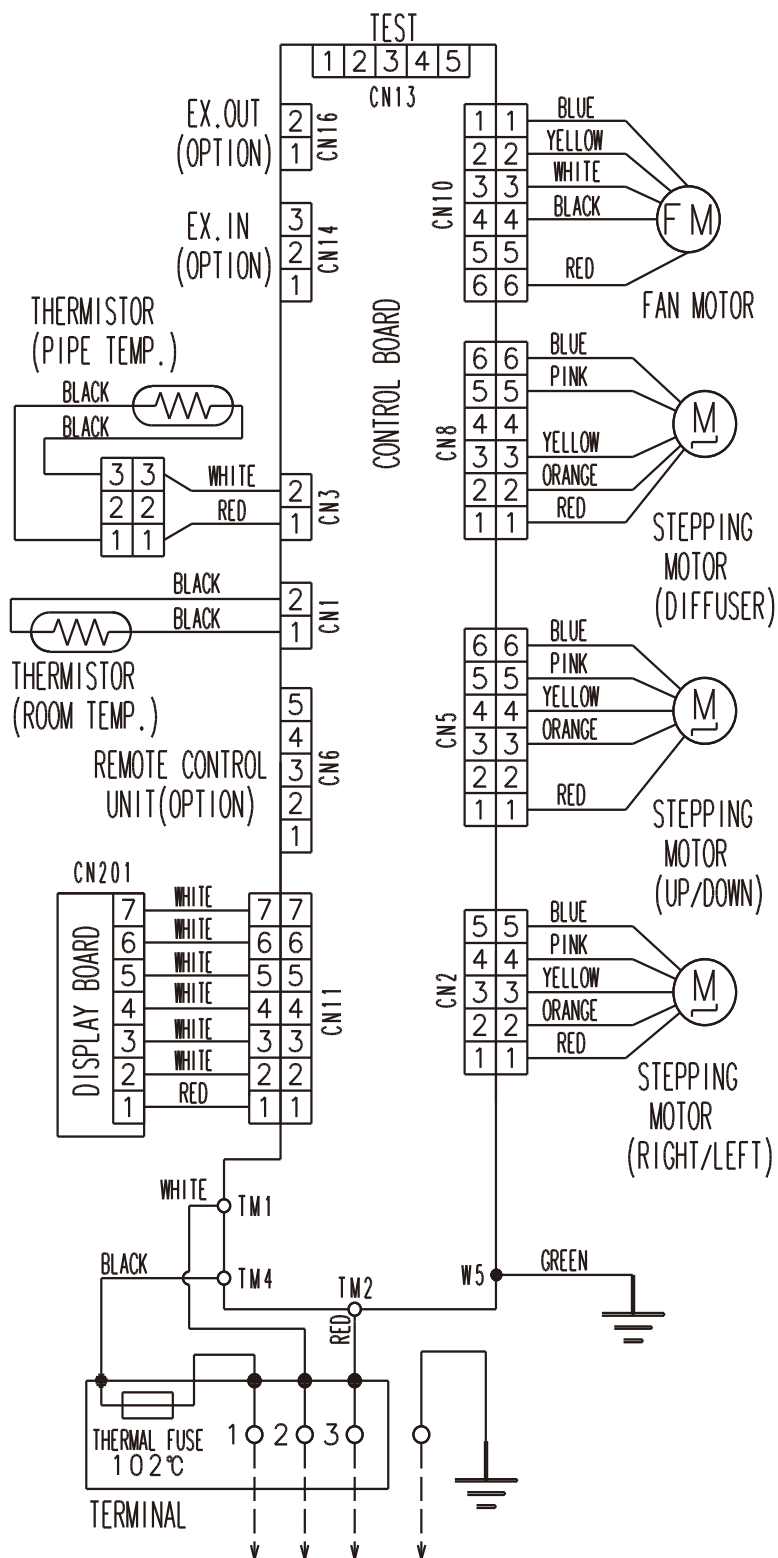
■ MODELS : AS*G07LUCA, AS*G09LUCA, AS*G12LUCA,
AS*G14LUCA



■ MODELS : AS*G07LMCA, AS*G09LMCA, AS*G12LMCA,
AS*G14LMCA

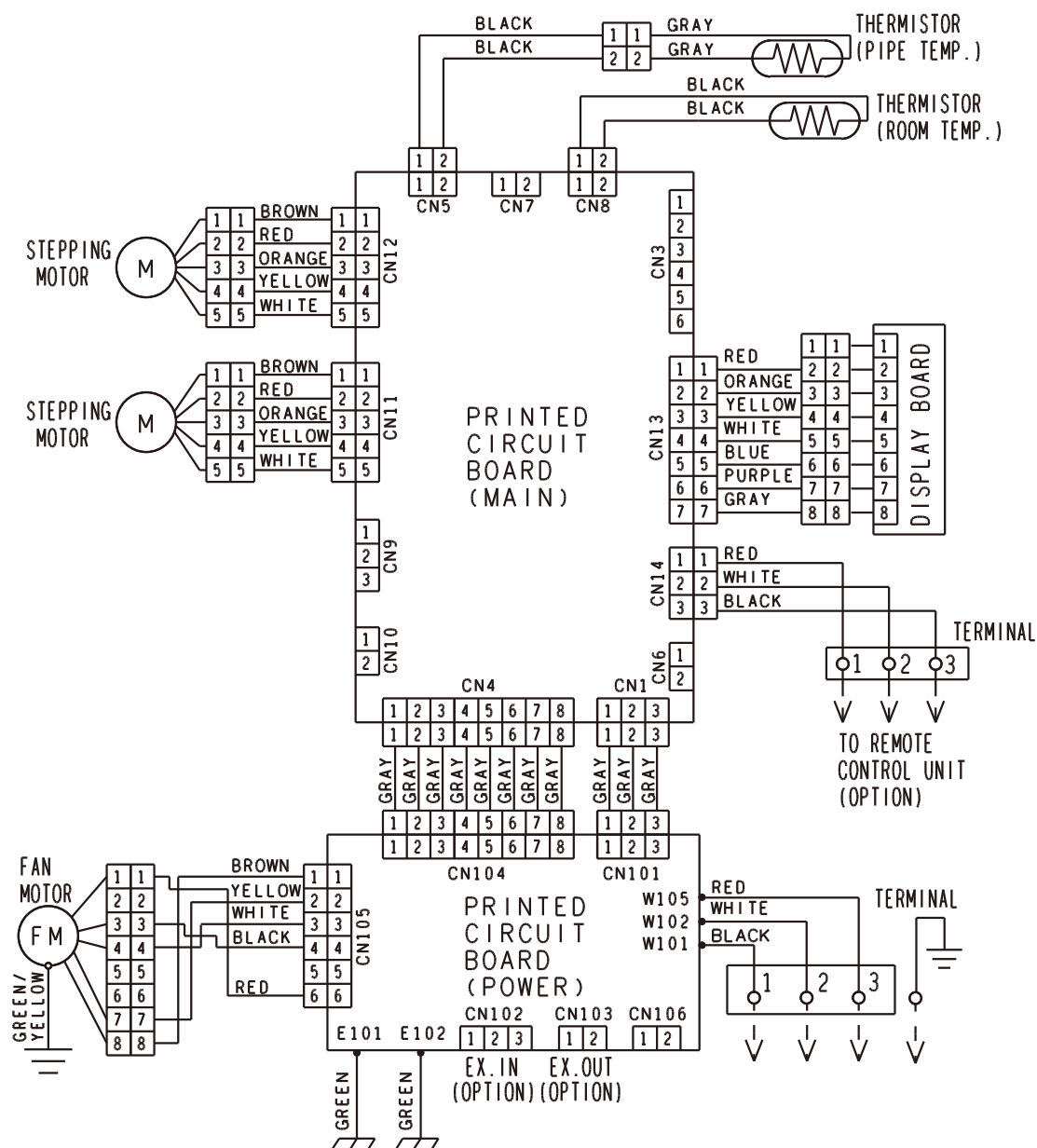


■ MODELS : AS*G18LFCA, AS*G24LFCA, AS*G24LFCC



5-4.FLOOR / CEILING TYPE

■ MODELS : AB*G14LVTA, AB*G18LVTA,
AB*G18LVTB



■ MODELS : AG*G09LVCA, AG*G12LVCA, AG*G14LVCA

6. AIR VELOCITY AND TEMPERATURE DISTRIBUTIONS

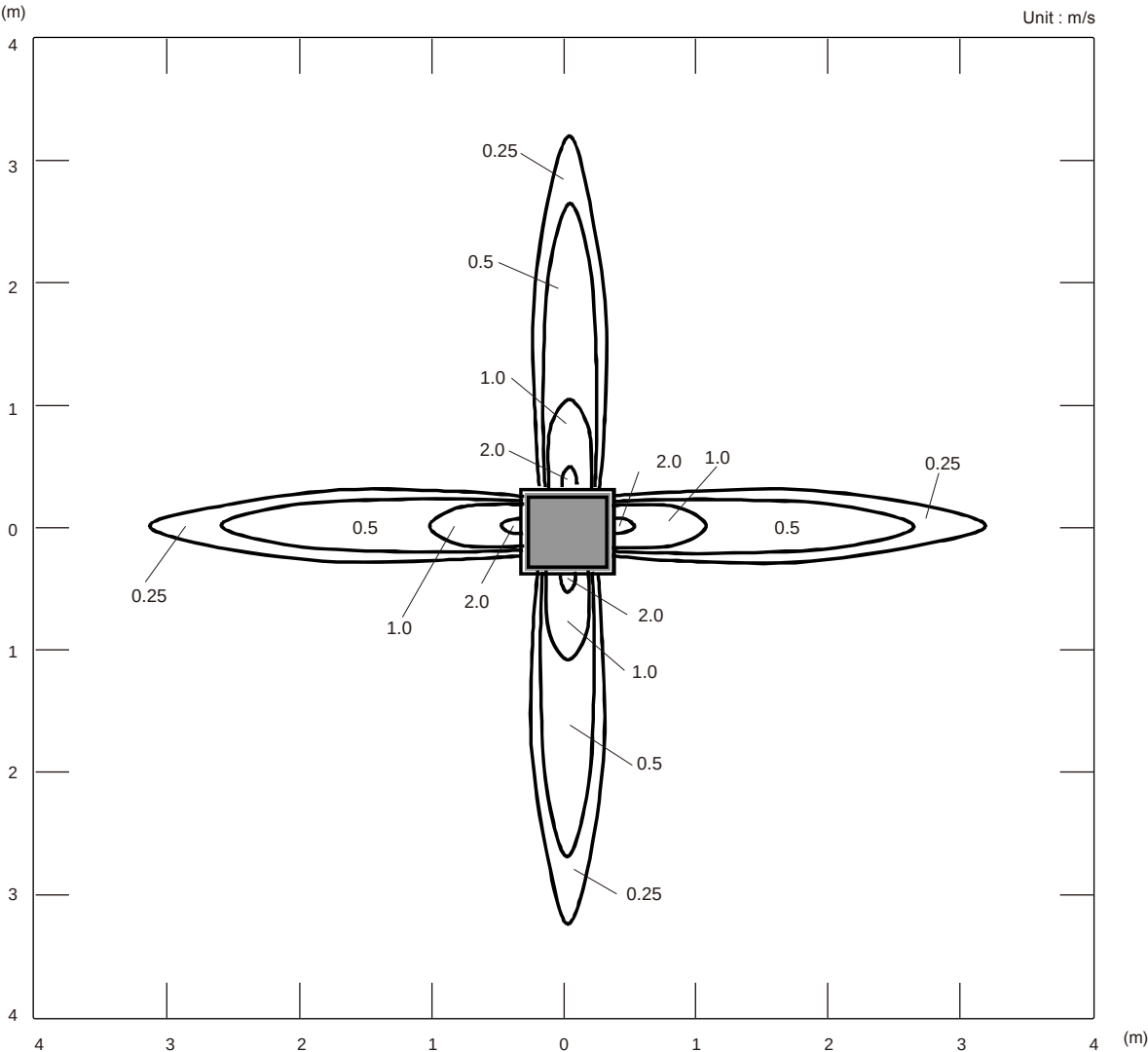
6-1. COMPACT CASSETTE TYPE

■ MODELS : AU*G07LVLA, AU*G09LVLA

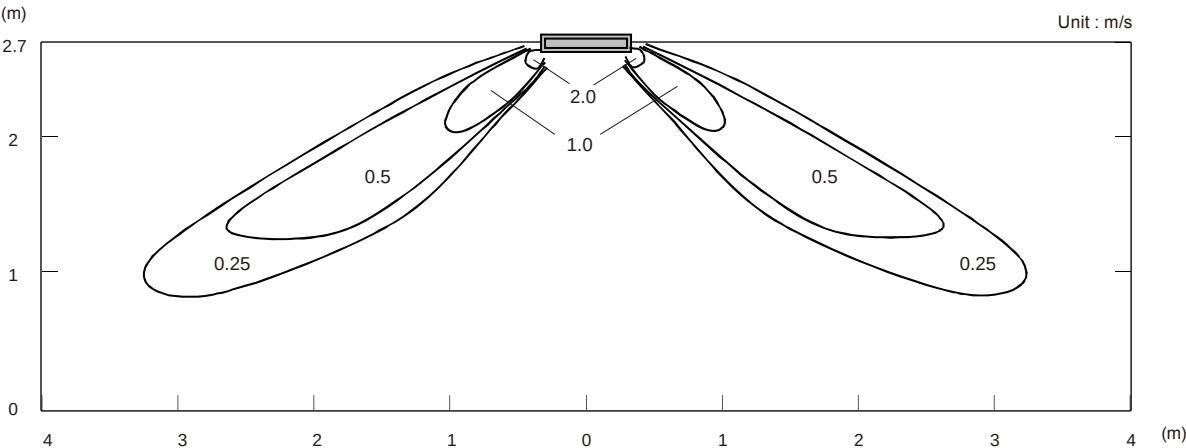
Conditions
Fan speed : High
Operation mode : Fan

● Air velocity distribution

Top view
Vertical flap : Up



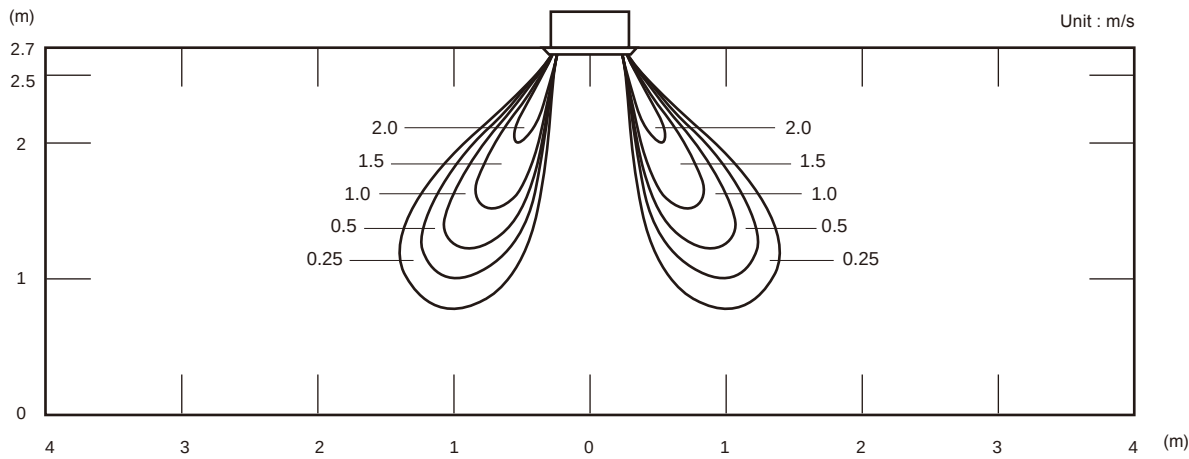
Side view
Vertical flap : Up



Reference data	
Conditions	
Fan speed	: High
Operation mode	: Heating
Vertical flap	: 4 Way

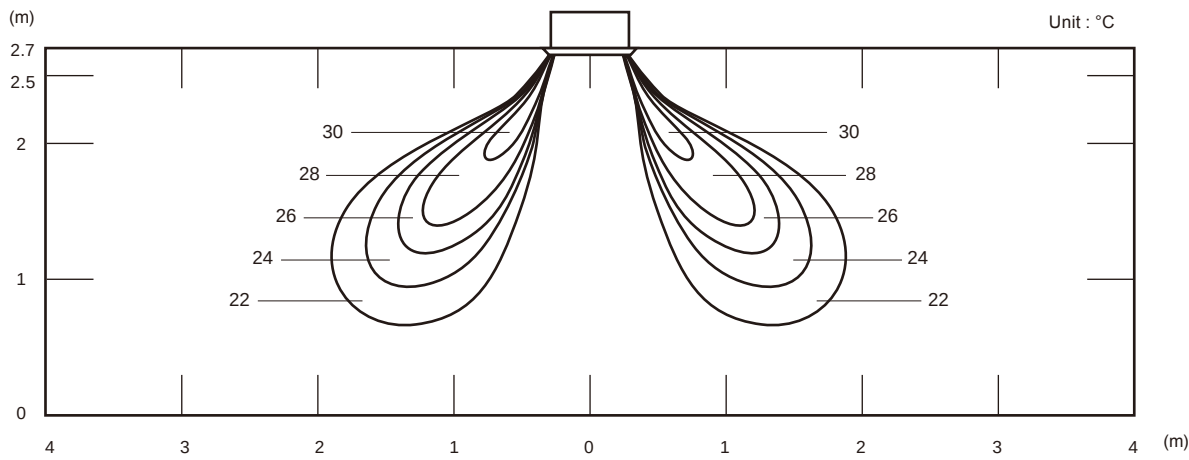
● Air velocity distribution

Side view
Vertical flap : Down



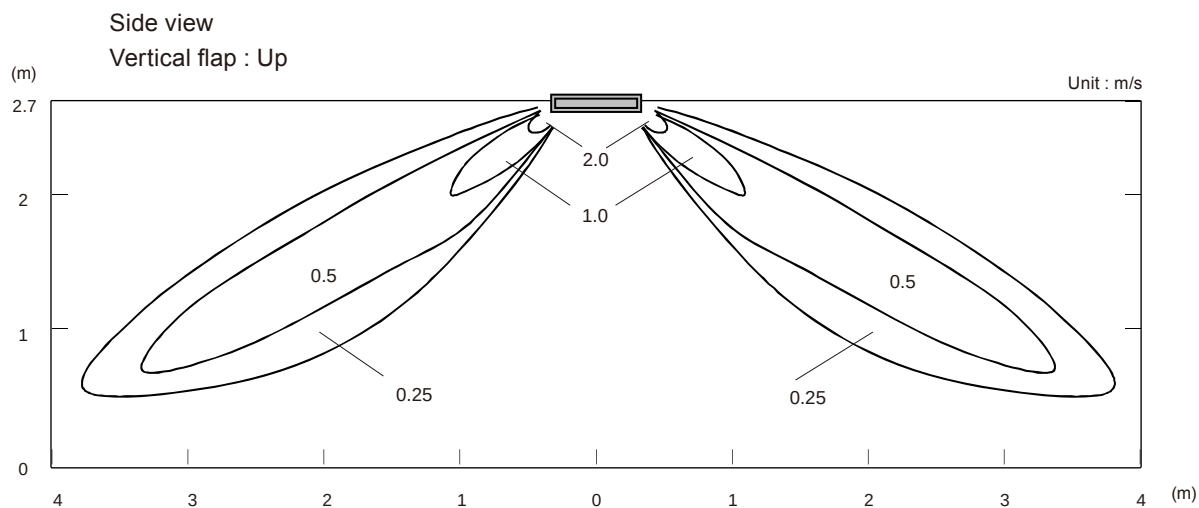
● Air temperature distribution

Side view
Vertical flap : Down



Conditions
Fan speed : High
Operation mode : Fan

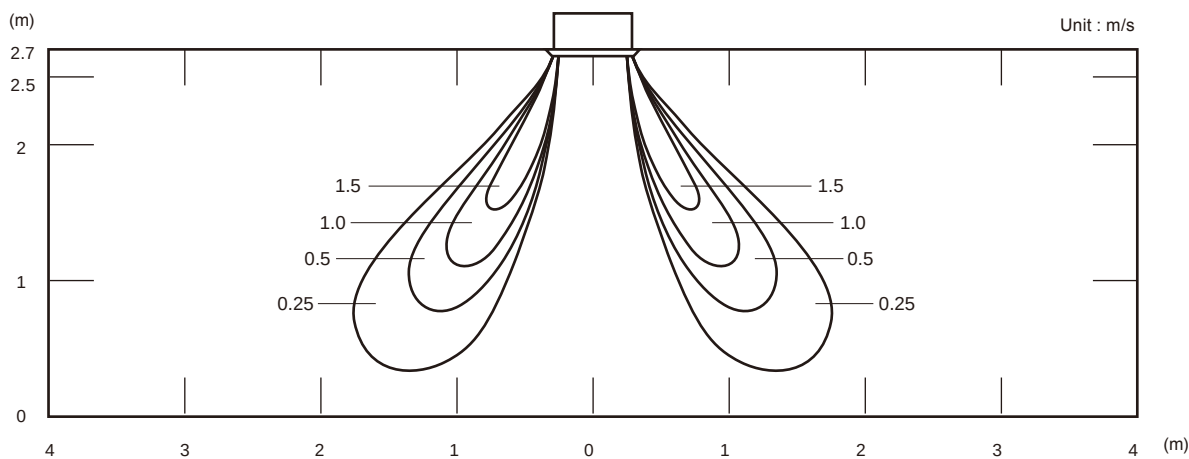
Top view
Vertical flap : Up



Reference data	
Conditions	
Fan speed	: High
Operation mode	: Heating
Vertical flap	: 4 Way

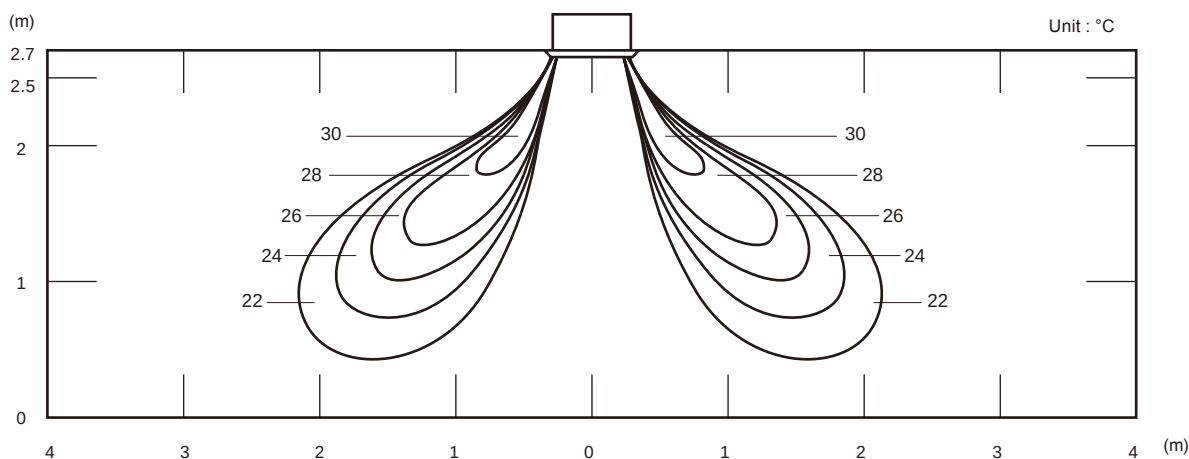
● Air velocity distribution

Side view
Vertical flap : Down



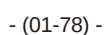
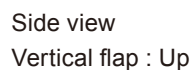
● Air temperature distribution

Side view
Vertical flap : Down



Conditions
Fan speed : High
Operation mode : Fan

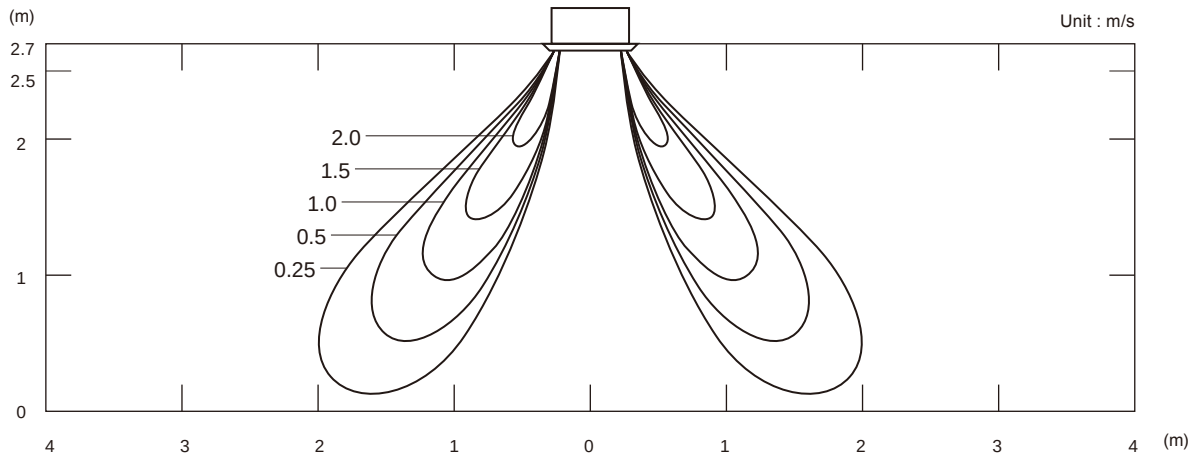
Top view
Vertical flap : Up



Reference data	
Conditions	
Fan speed	: High
Operation mode	: Heating
Vertical flap	: 4 Way

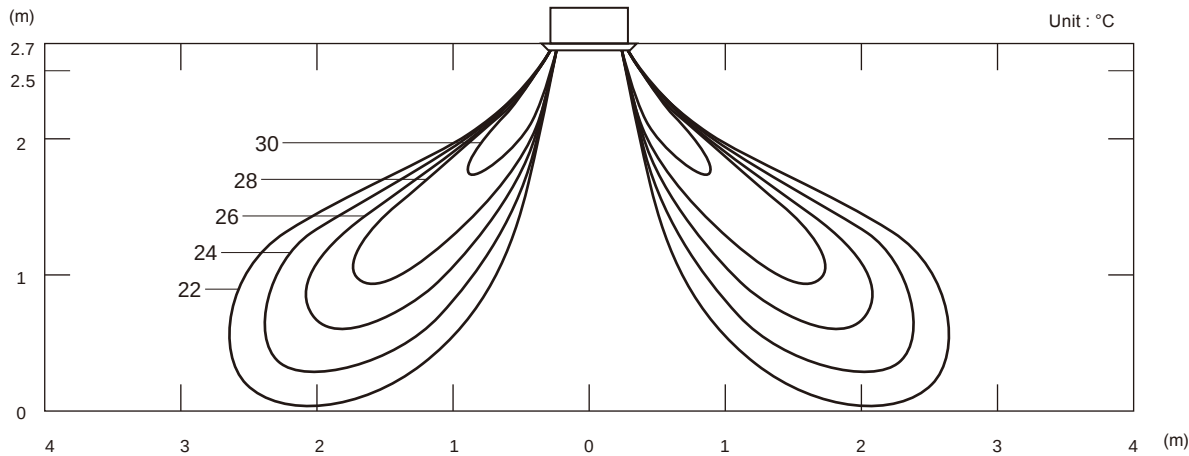
● Air velocity distribution

Side view
Vertical flap : Down



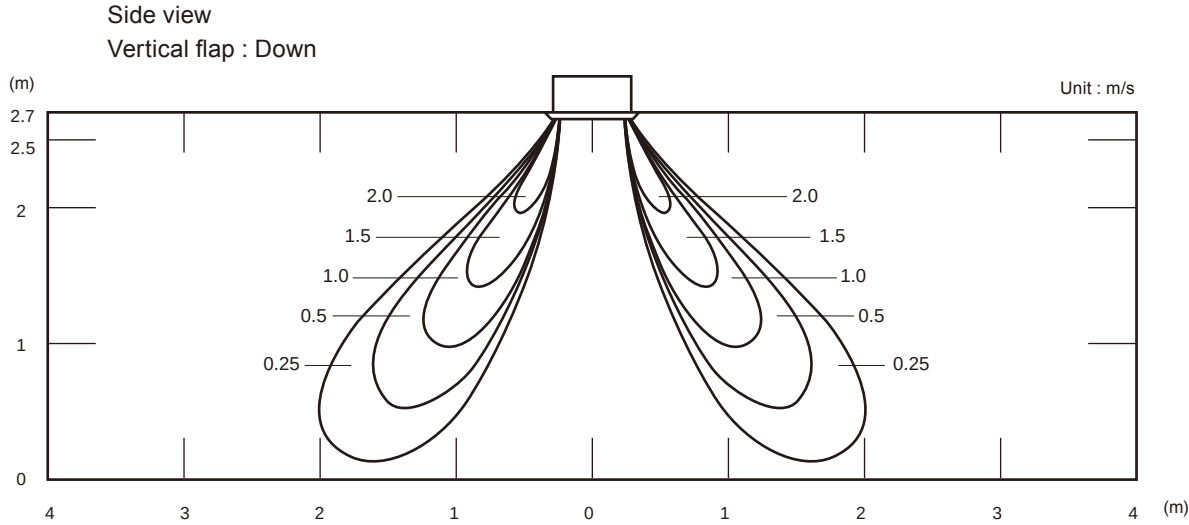
● Air temperature distribution

Side view
Vertical flap : Down

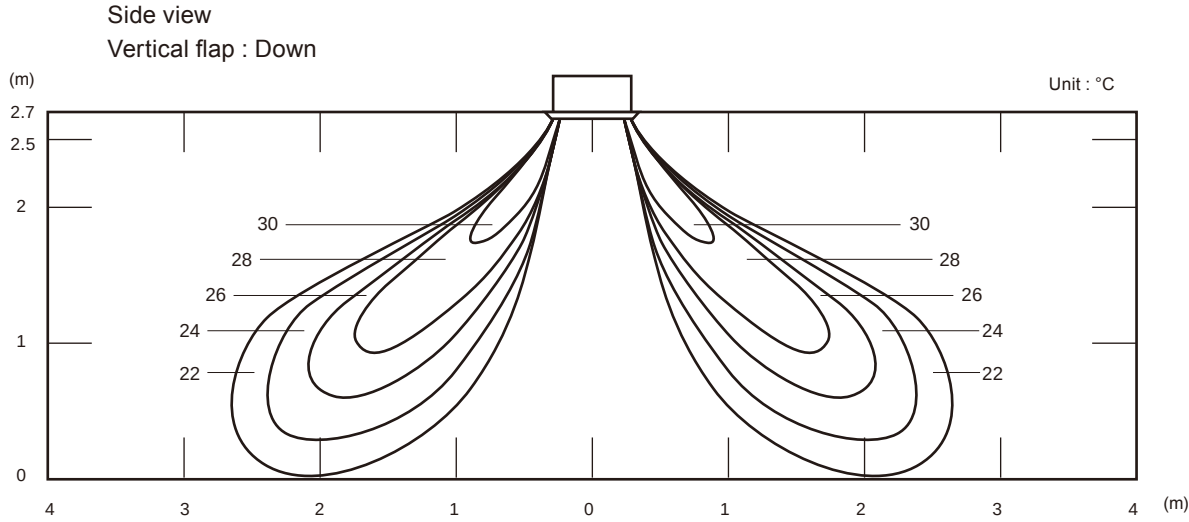


Reference data	
Conditions	
Fan speed	: High
Operation mode	: Heating
Vertical flap	: 4 Way

● Air velocity distribution



● Air temperature distribution



6-2. SLIM DUCT TYPE with Auto louver grille kit

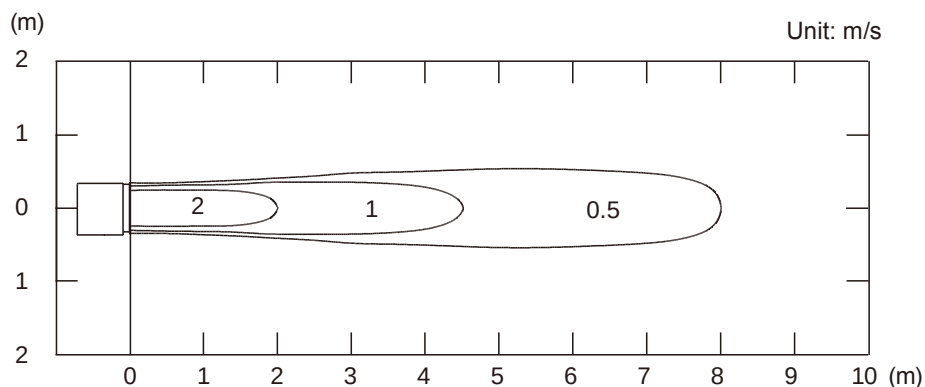
■ MODEL : AR*G07LLTA (UTD-GXSA-W)

Note: This data is measured installing the Auto louver grille kit(option).

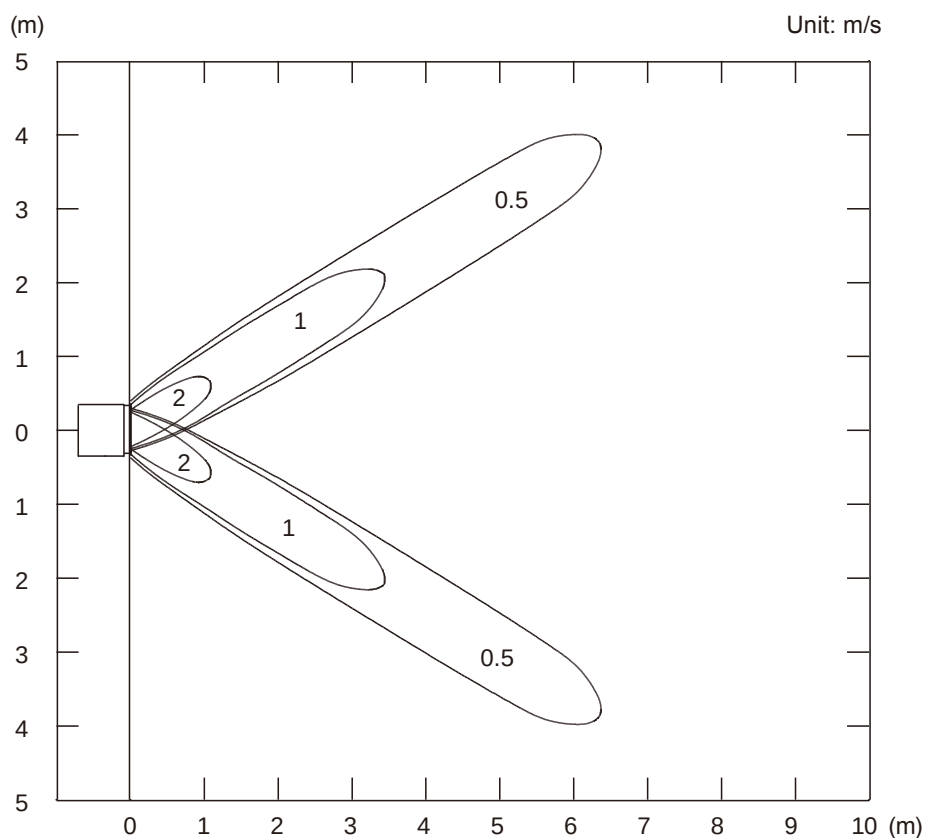
Conditions
Fan speed : High
Operation mode : Fan
Voltage : 230V

● Air velocity distribution

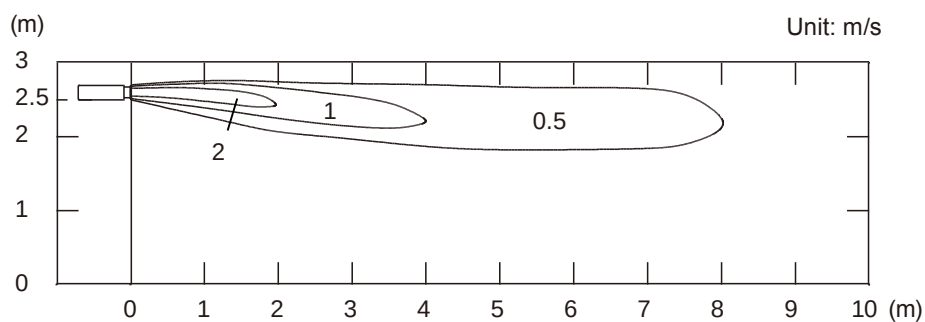
Top view
Vertical flap : Up
Horizontal flap : Center



Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center

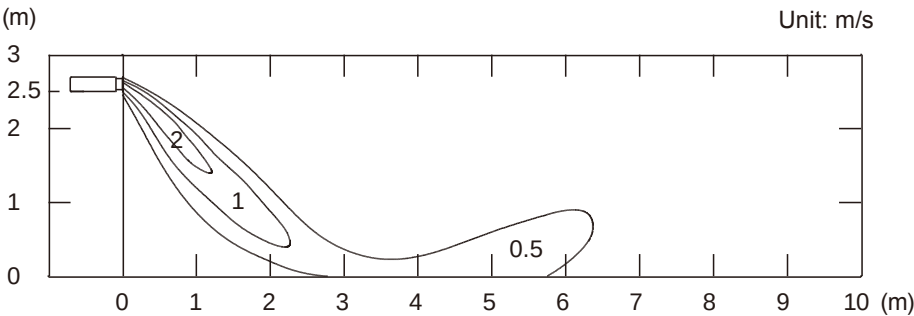


Note: This data is measured installing the Auto louver grille kit(option).

Reference Data	
Conditions	
Fan speed	: High
Operation mode	: Heating
Voltage	: 230V

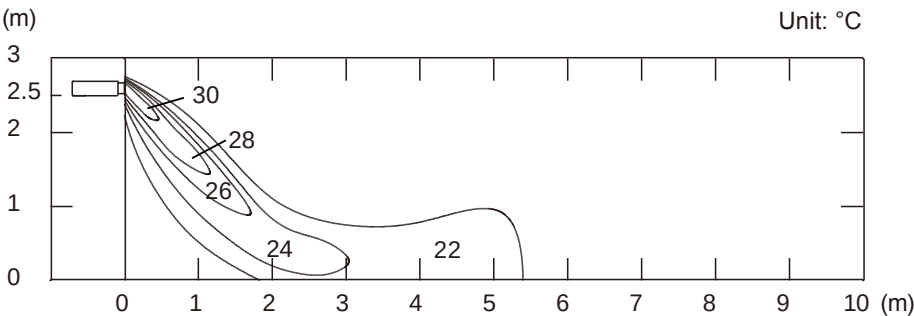
● Air velocity distribution

Side view
Vertical flap : Down
Horizontal flap : Center



● Air temperature distribution

Side view
Vertical flap : Down
Horizontal flap : Center



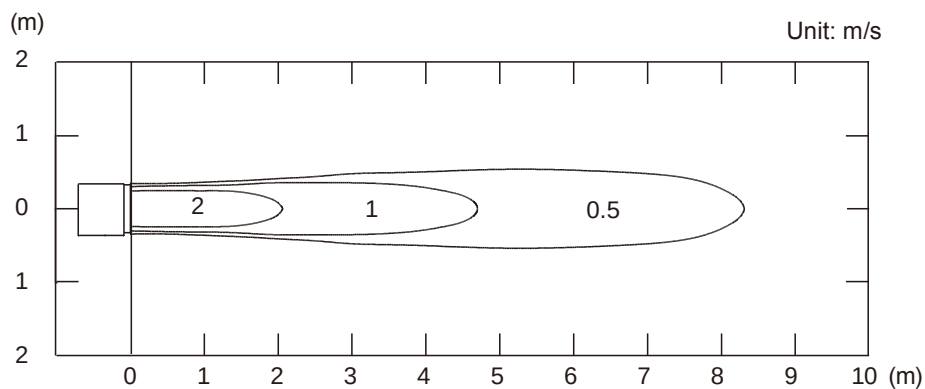
MODEL : AR*G09LLTA (UTD-GXSA-W)

Note: This data is measured installing the Auto louver grille kit(option).

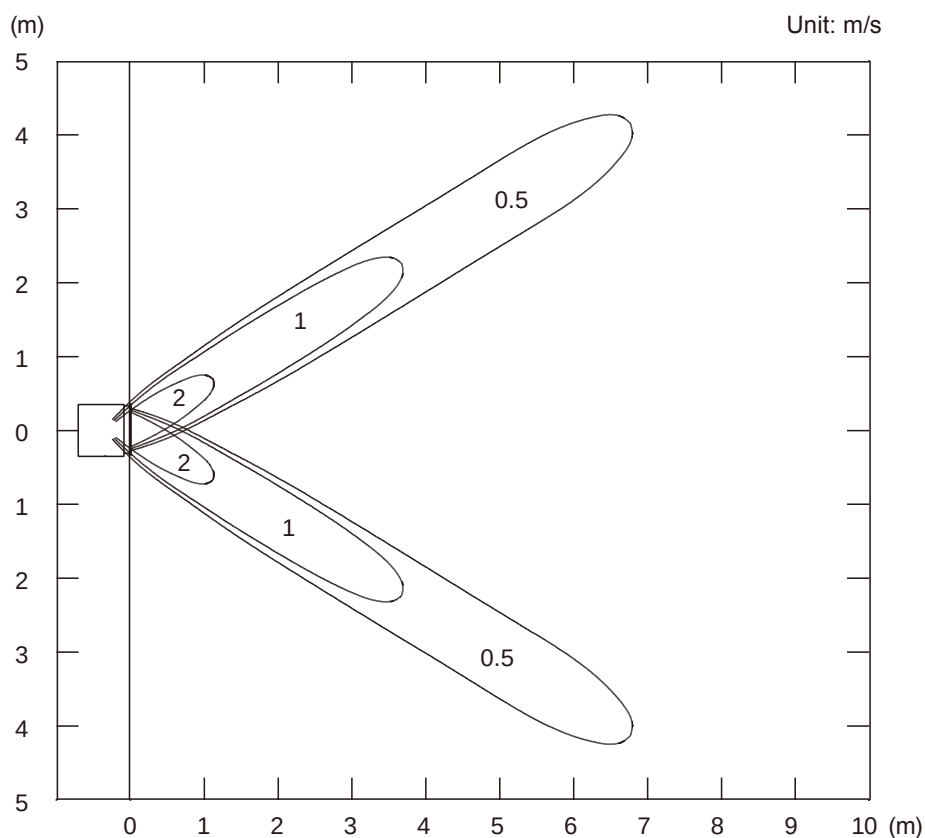
Conditions
Fan speed : High
Operation mode : Fan
Voltage : 230V

● Air velocity distribution

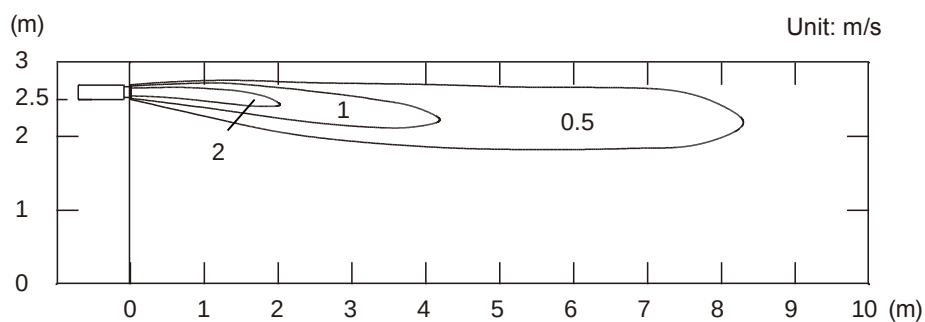
Top view
Vertical flap : Up
Horizontal flap : Center



Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center

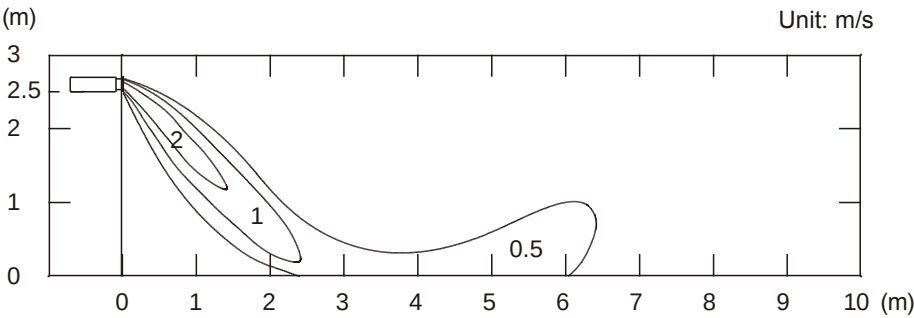


Note: This data is measured installing the Auto louver grille kit(option).

Reference Data	
Conditions	
Fan speed	: High
Operation mode	: Heating
Voltage	: 230V

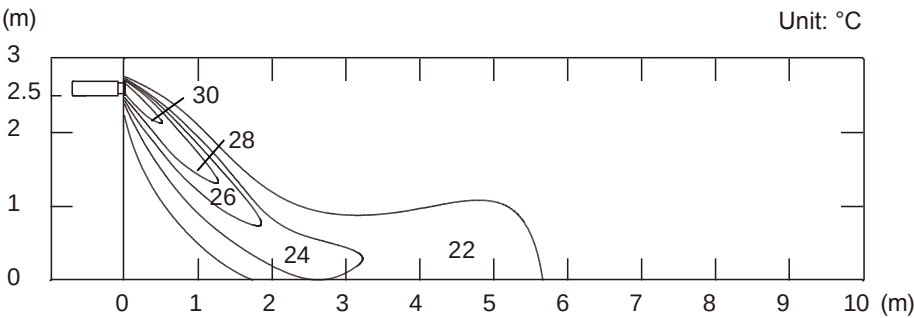
● Air velocity distribution

Side view
Vertical flap : Down
Horizontal flap : Center



● Air temperature distribution

Side view
Vertical flap : Down
Horizontal flap : Center



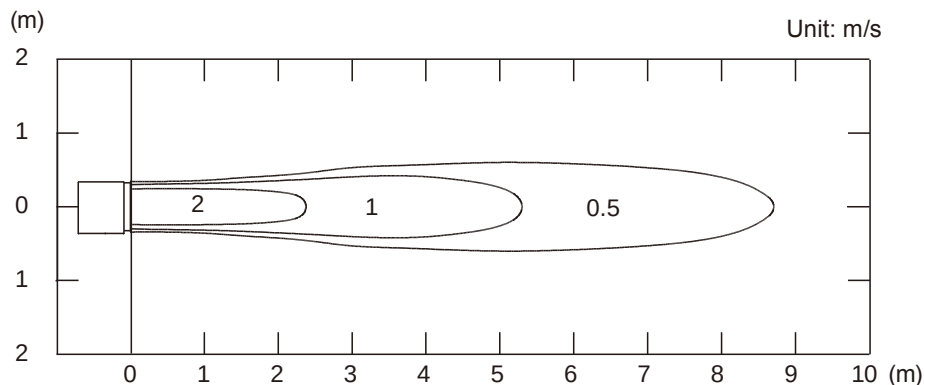
MODELS : AR*G12LLTA, AR*G12LLTB (UTD-GXSA-W)

Note: This data is measured installing the Auto louver grille kit(option).

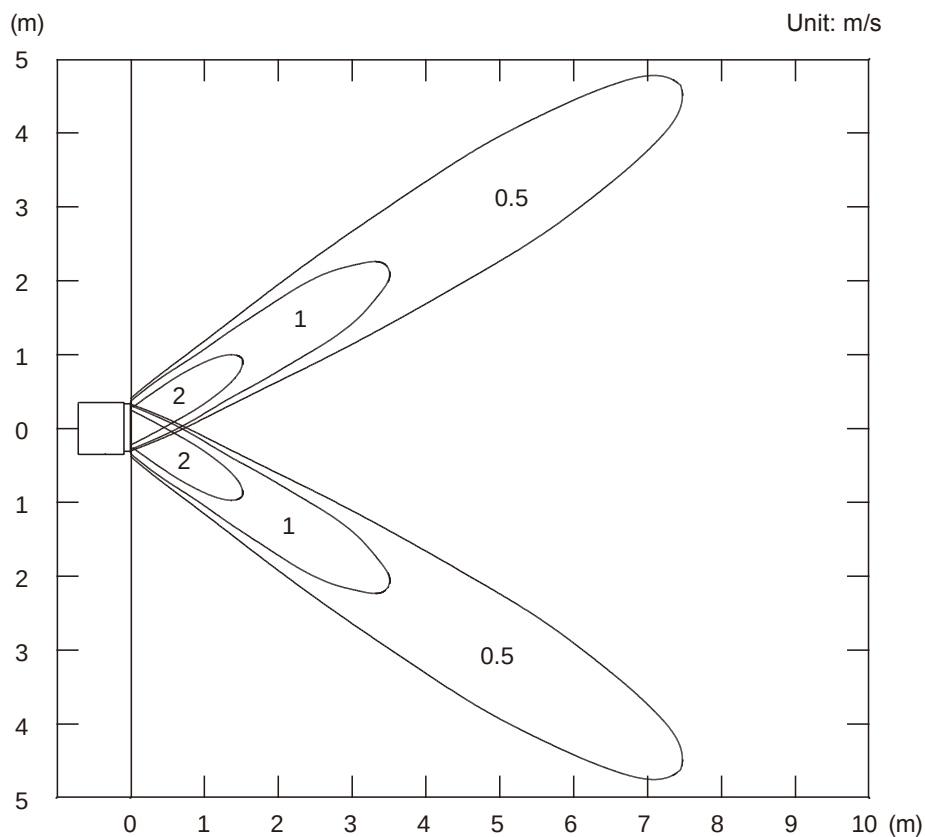
Conditions
Fan speed : High
Operation mode : Fan
Voltage : 230V

● Air velocity distribution

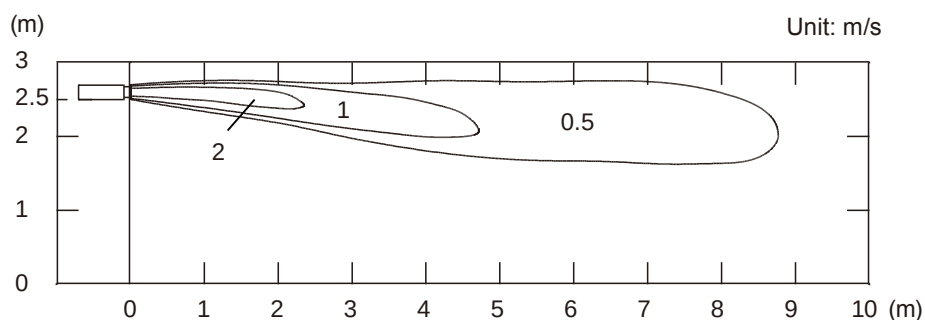
Top view
Vertical flap : Up
Horizontal flap : Center



Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center

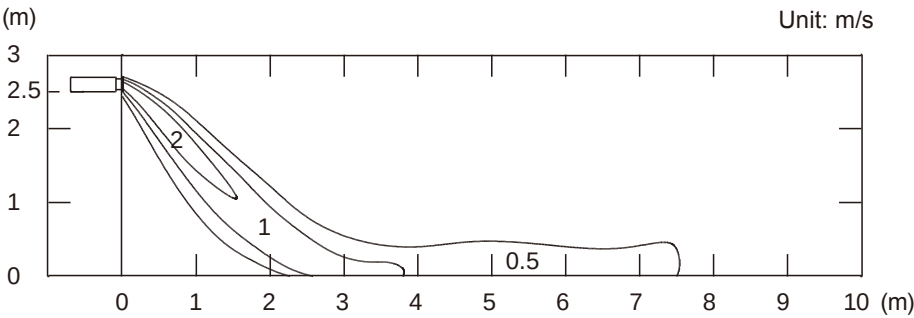


Note: This data is measured installing the Auto louver grille kit(option).

Reference Data	
Conditions	
Fan speed	: High
Operation mode	: Heating
Voltage	: 230V

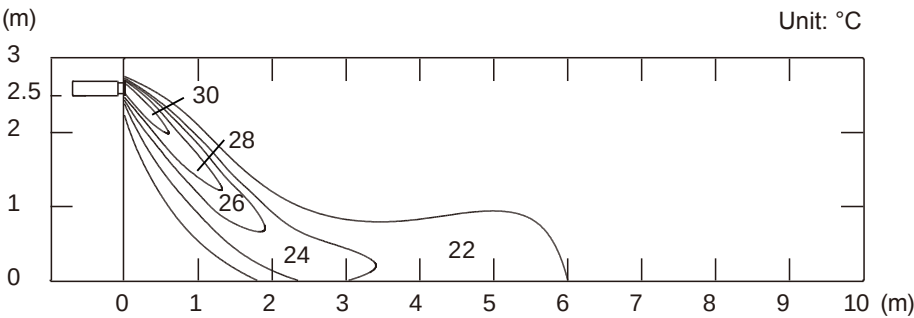
● Air velocity distribution

Side view
Vertical flap : Down
Horizontal flap : Center



● Air temperature distribution

Side view
Vertical flap : Down
Horizontal flap : Center



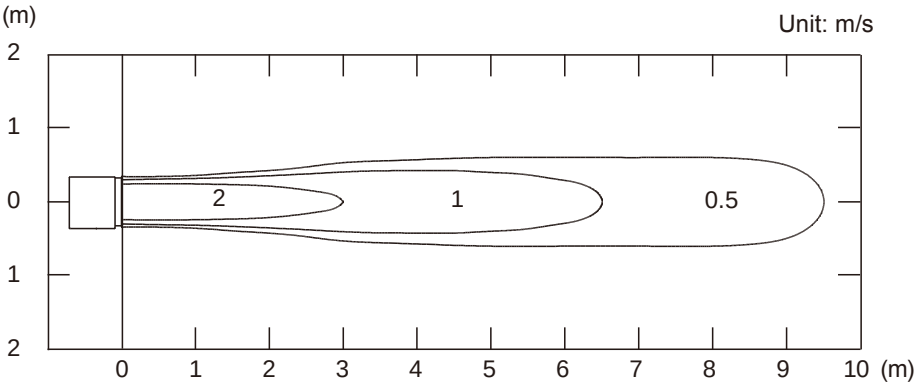
■ **MODELS : AR*G14LLTA, AR*G14LLTB
(UTD-GXSA-W)**

Note: This data is measured installing the Auto louver grille kit(option).

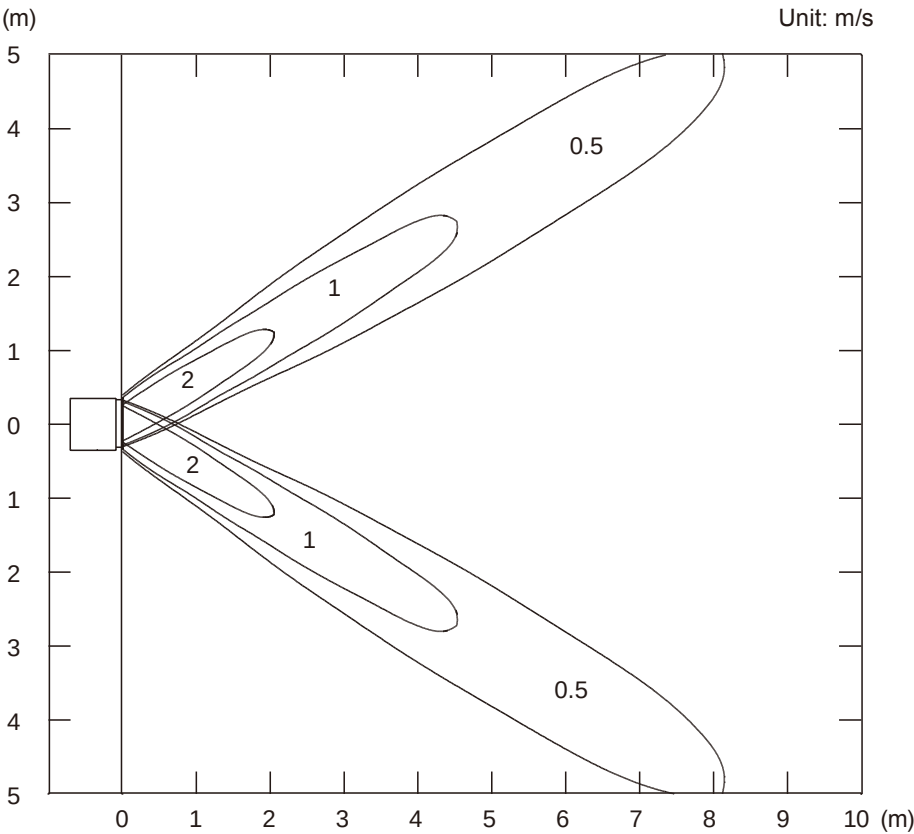
Conditions	
Fan speed	: High
Operation mode	: Fan
Voltage	: 230V

● **Air velocity distribution**

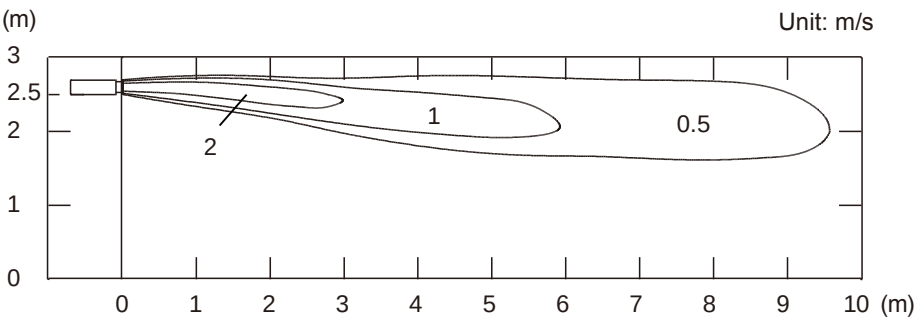
Top view
Vertical flap : Up
Horizontal flap : Center



Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center

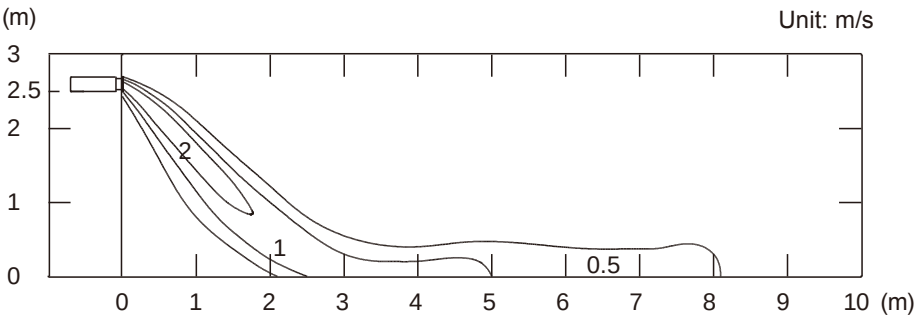


Note: This data is measured installing the Auto louver grille kit(option).

Reference Data	
Conditions	
Fan speed	: High
Operation mode	: Heating
Voltage	: 230V

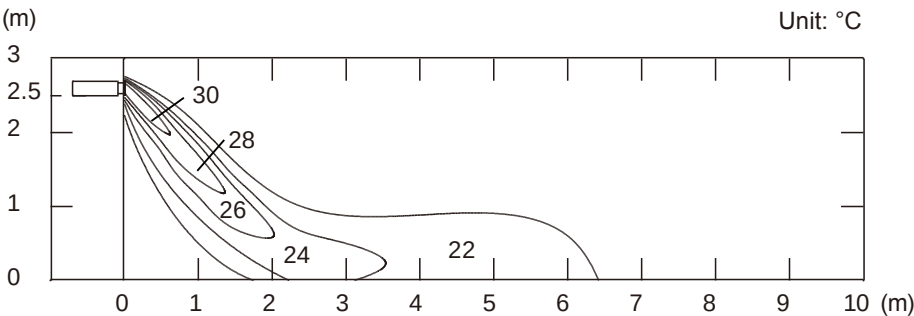
● Air velocity distribution

Side view
Vertical flap : Down
Horizontal flap : Center



● Air temperature distribution

Side view
Vertical flap : Down
Horizontal flap : Center



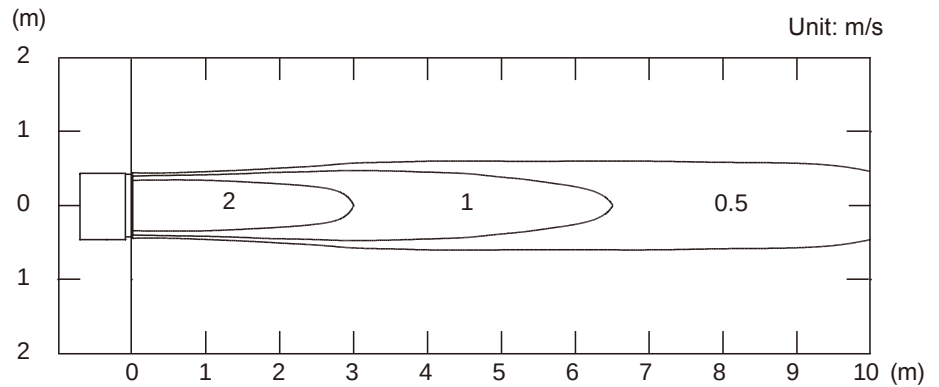
Conditions	
Fan speed	: High
Operation mode	: Fan
Voltage	: 230V

MODELS : AR*G18LLTA, AR*G18LLTB (UTD-GXSB-W)

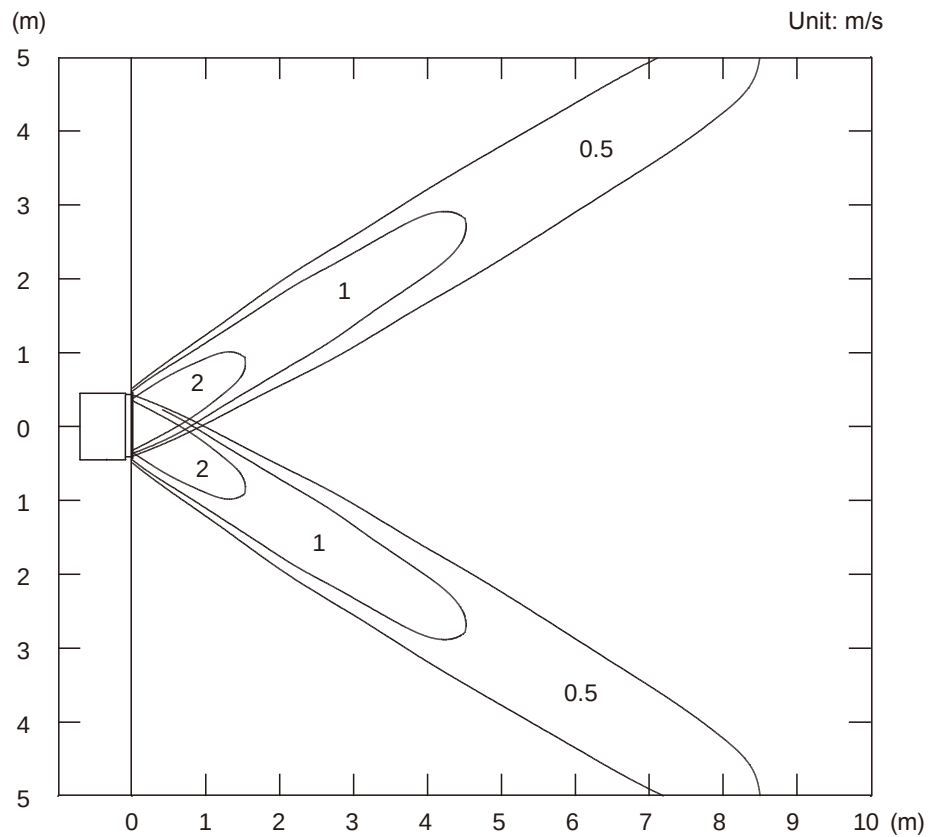
Note: This data is measured installing the Auto louver grille kit(option).

● Air velocity distribution

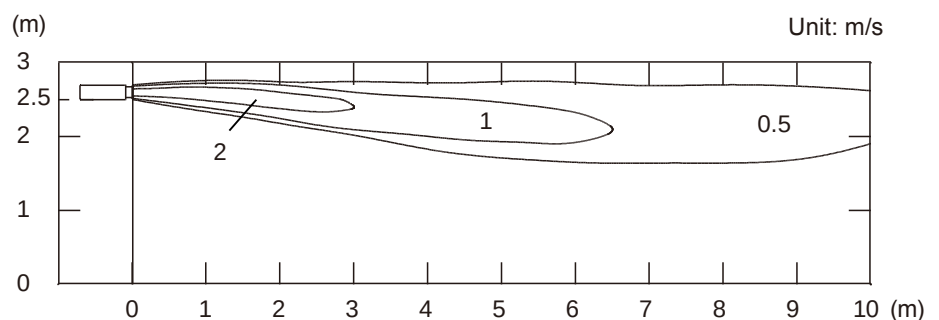
Top view
Vertical flap : Up
Horizontal flap : Center



Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center

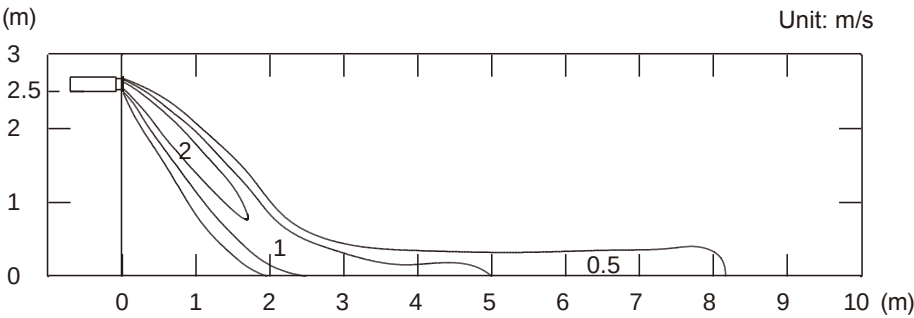


Note: This data is measured installing the Auto louver grille kit(option).

Reference Data	
Conditions	
Fan speed	: High
Operation mode	: Heating
Voltage	: 230V

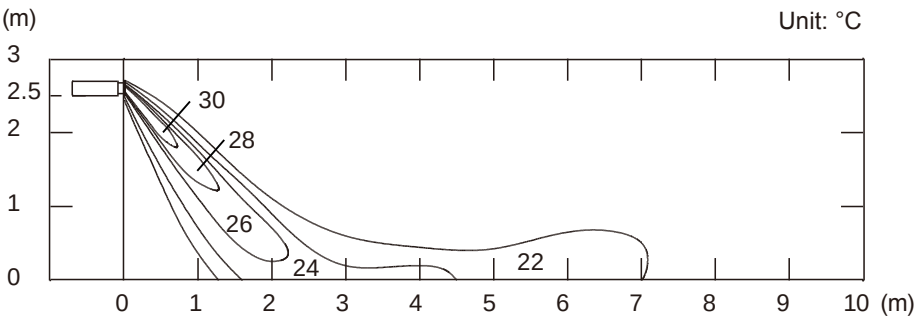
● Air velocity distribution

Side view
Vertical flap : Down
Horizontal flap : Center



● Air temperature distribution

Side view
Vertical flap : Down
Horizontal flap : Center

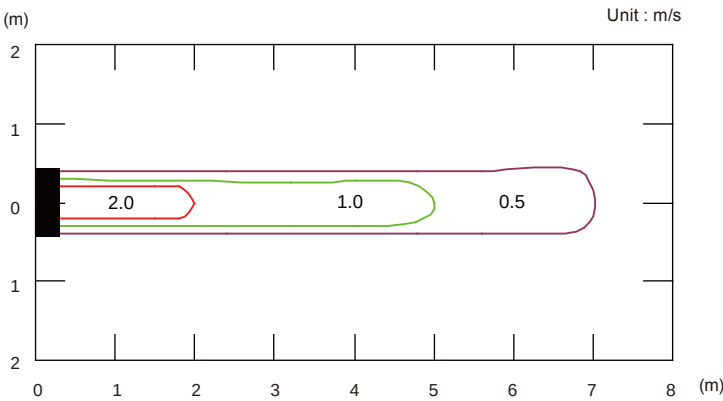


6-3. WALL MOUNTED TYPE

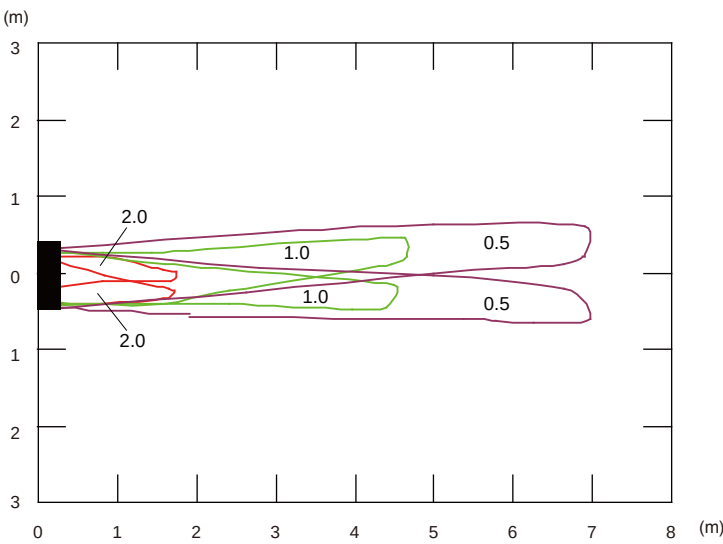
■ MODEL : AS*G07LJCA

Conditions
Fan speed : High
Operation mode : Fan

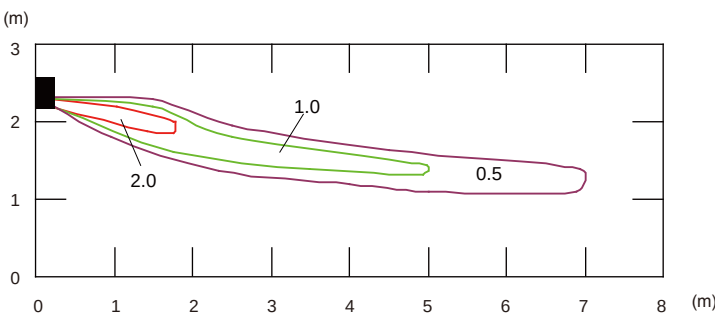
Top view
Vertical flap : Up
Horizontal flap : Center



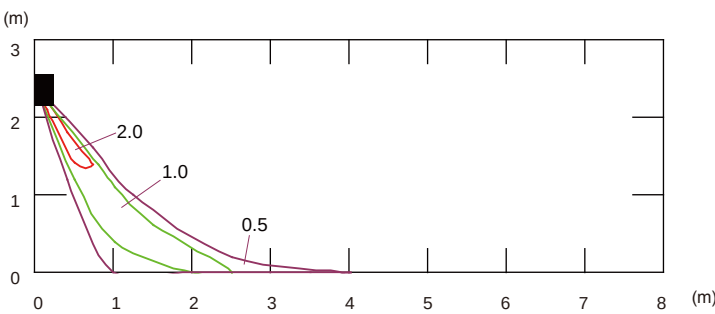
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



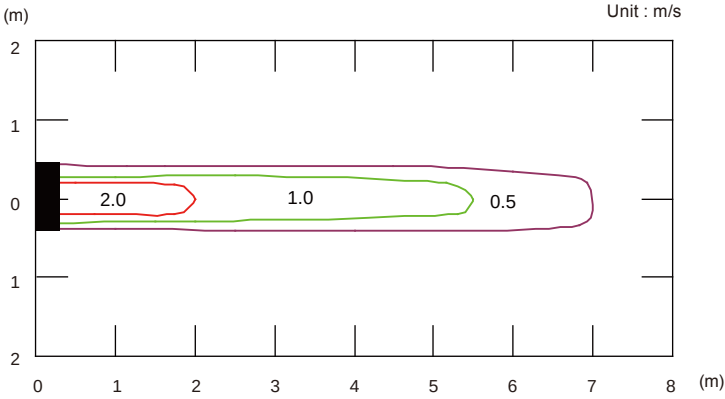
Side view
Vertical flap : Down
Horizontal flap : Center



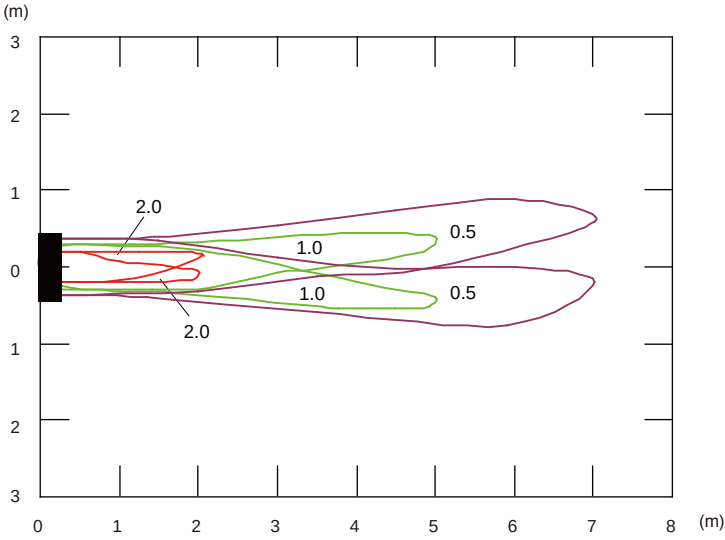
■ MODEL : AS*G09LJCA

Conditions
Fan speed : High
Operation mode : Fan

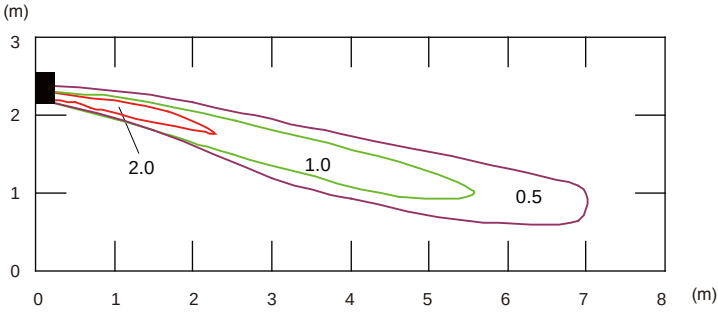
Top view
Vertical flap : Up
Horizontal flap : Center



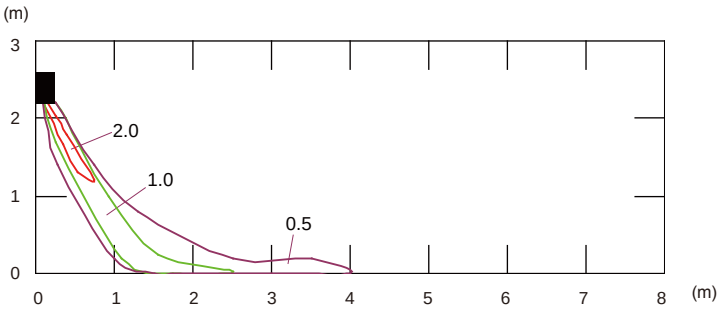
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



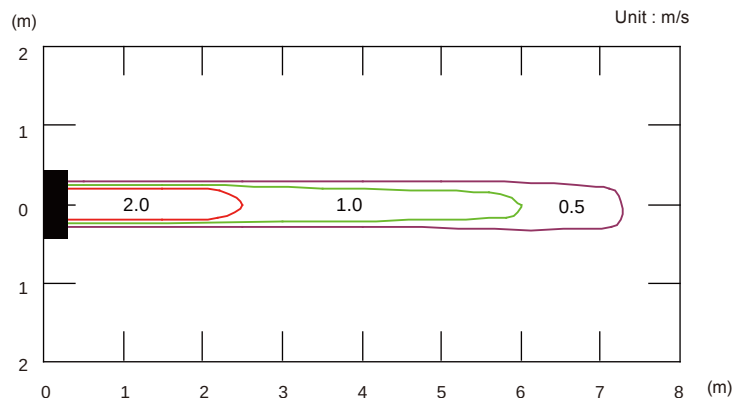
Side view
Vertical flap : Down
Horizontal flap : Center



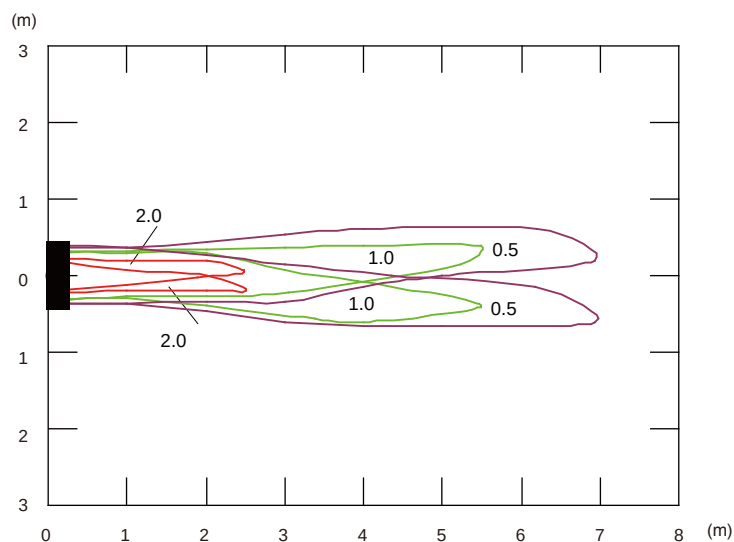
■ MODEL : AS*G12LJCA

Conditions
Fan speed : High
Operation mode : Fan

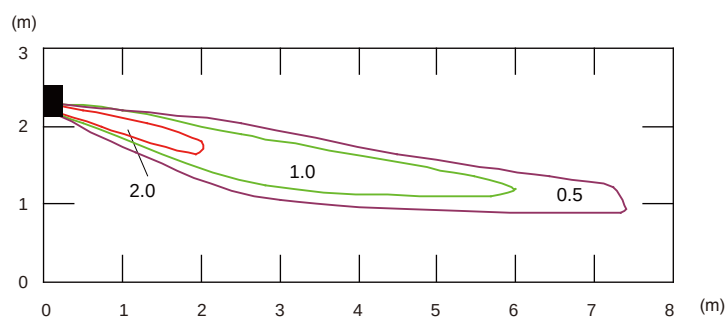
Top view
Vertical flap : Up
Horizontal flap : Center



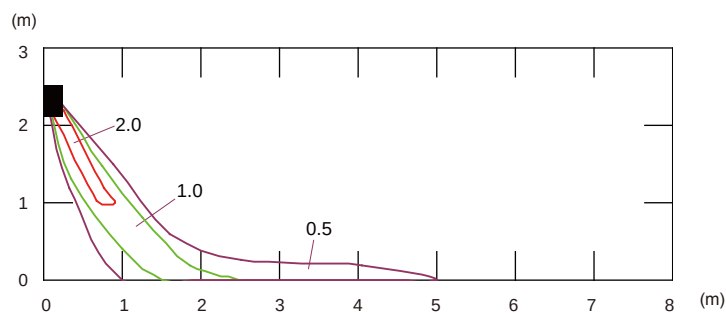
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



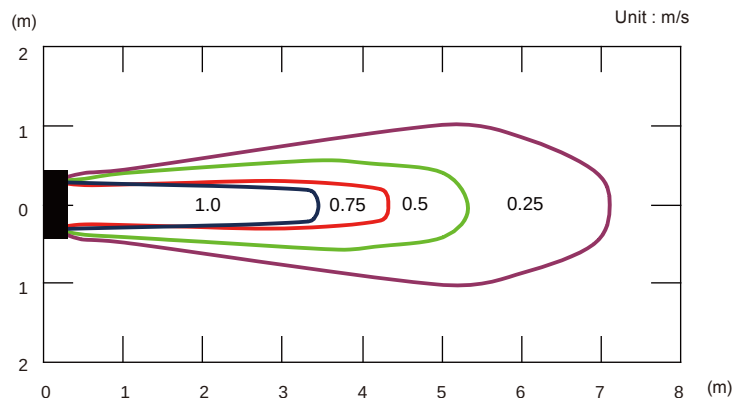
Side view
Vertical flap : Down
Horizontal flap : Center



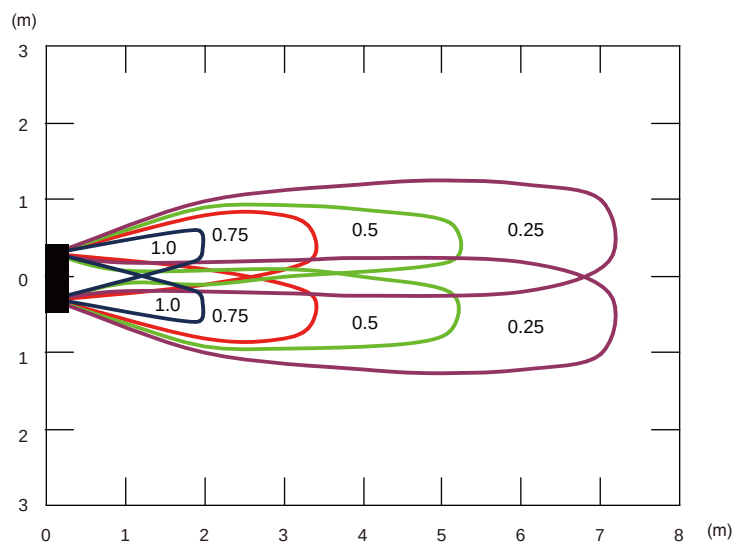
MODELS : AS*G07LUCA, AS*G09LUCA

Conditions
Fan speed : High
Operation mode : Fan

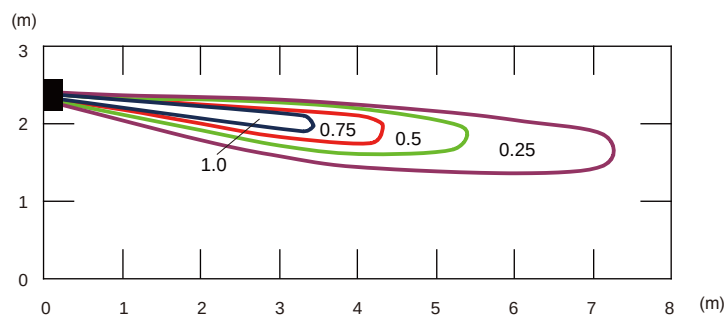
Top view
Vertical flap : Up
Horizontal flap : Center



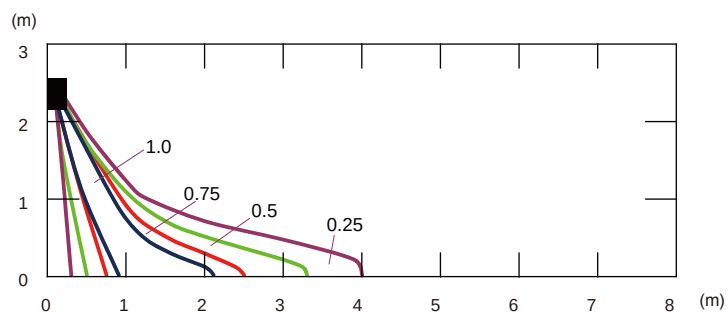
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



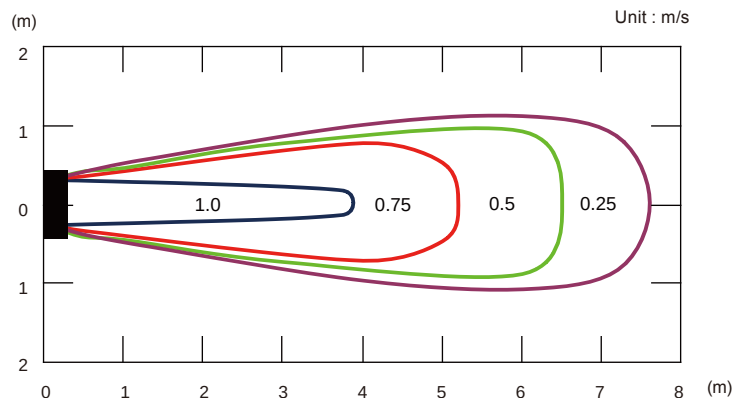
Side view
Vertical flap : Down
Horizontal flap : Center



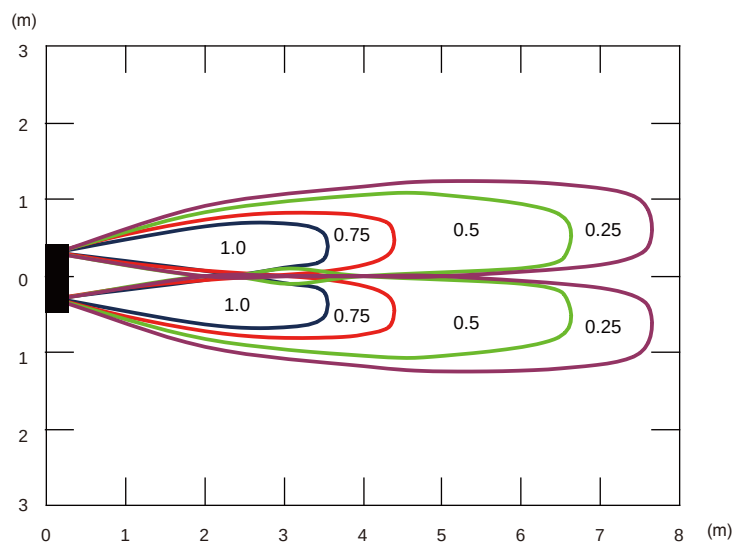
MODELS : AS*G12LUCA, AS*G14LUCA

Conditions
Fan speed : High
Operation mode : Fan

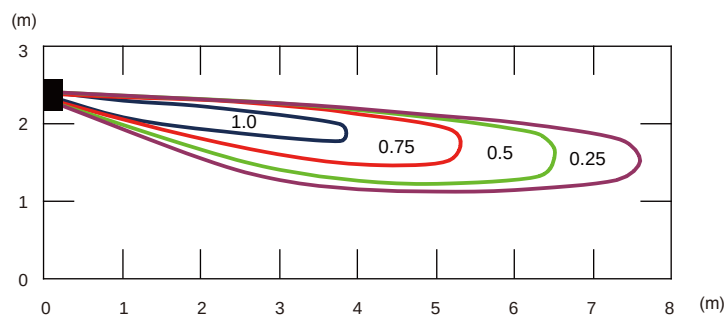
Top view
Vertical flap : Up
Horizontal flap : Center



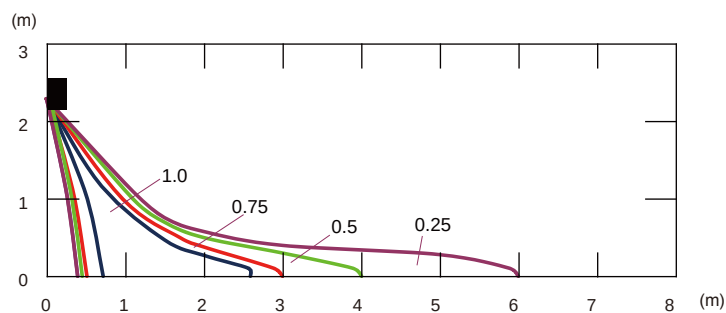
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



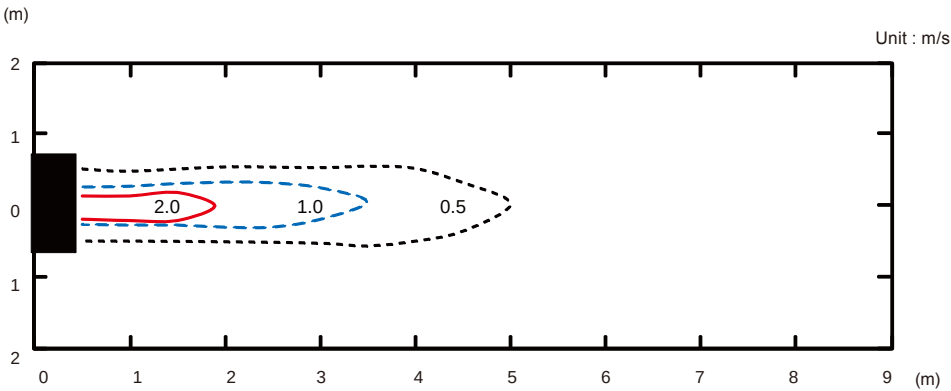
Side view
Vertical flap : Down
Horizontal flap : Center



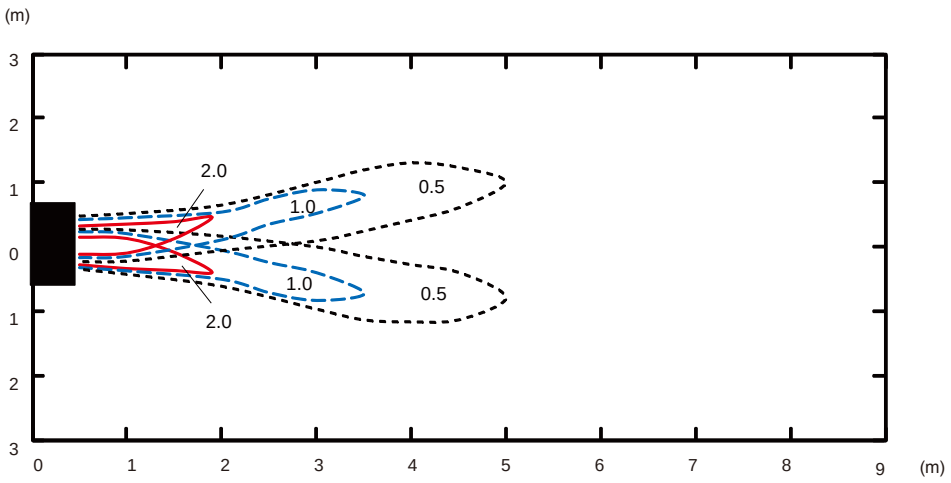
■ **MODEL : AS*G07LMCA**

Conditions
Fan speed : High
Operation mode : Fan

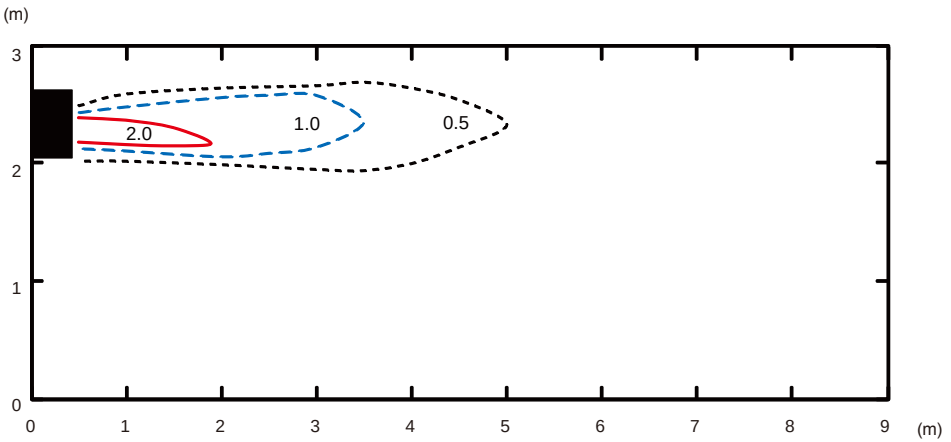
Top view
Vertical flap : Up
Horizontal flap : Center



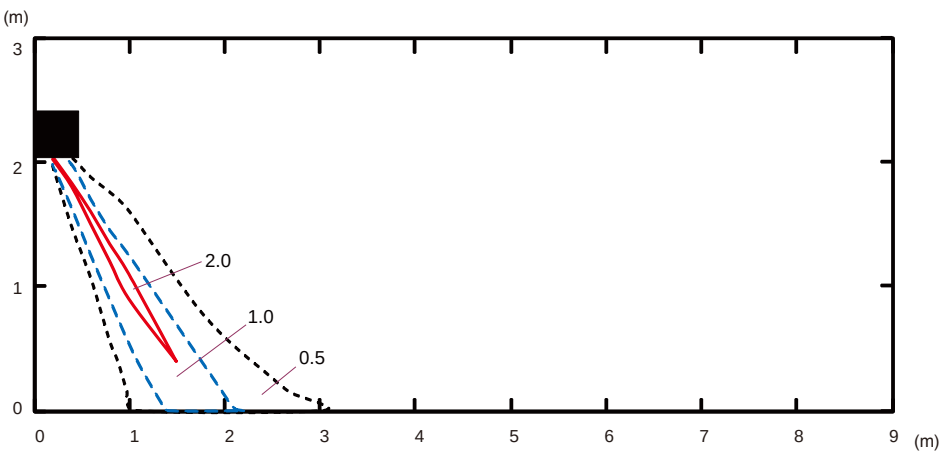
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



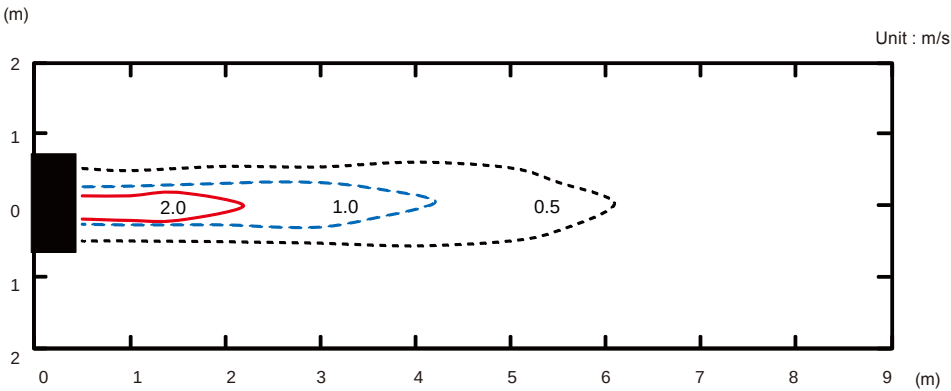
Side view
Vertical flap : Down
Horizontal flap : Center



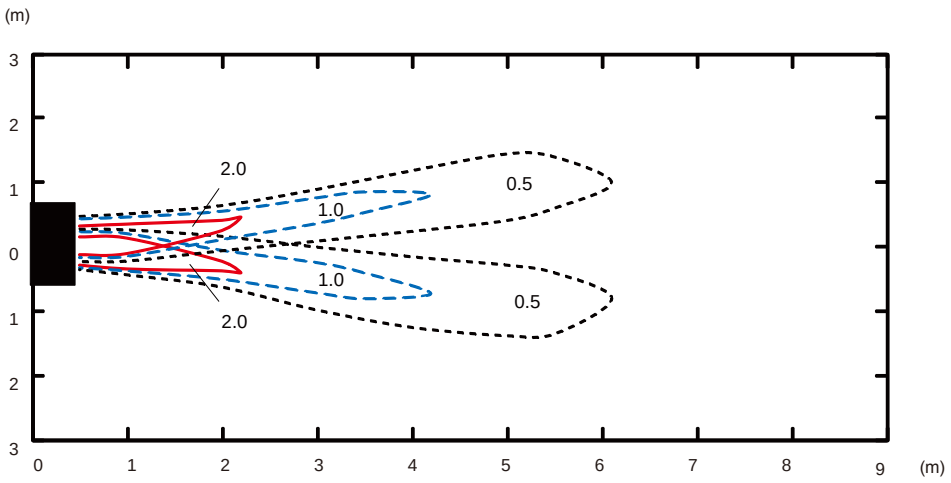
■ **MODEL : AS*G09LMCA**

Conditions
Fan speed : High
Operation mode : Fan

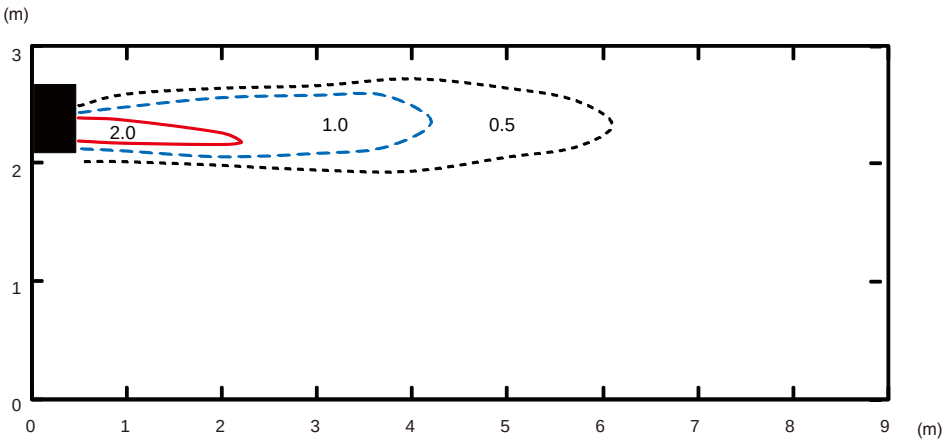
Top view
Vertical flap : Up
Horizontal flap : Center



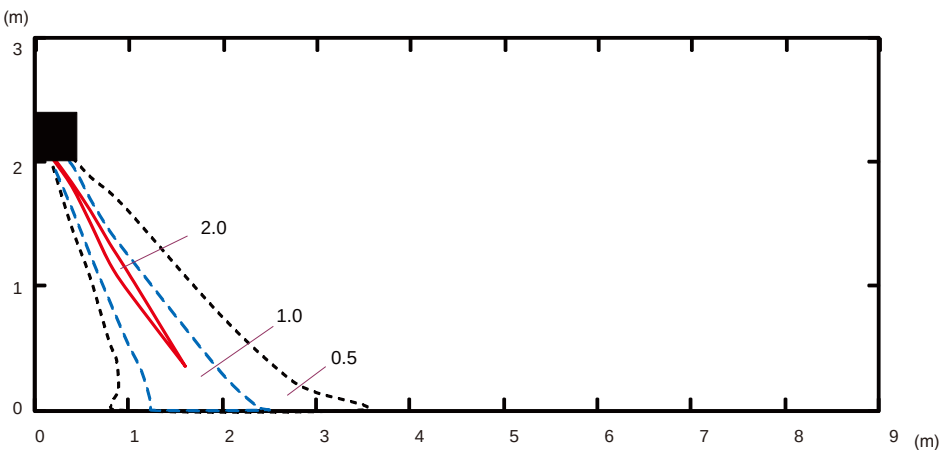
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



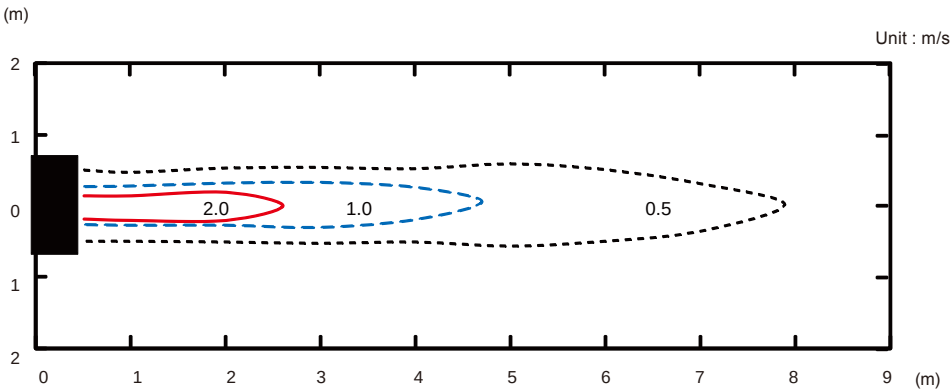
Side view
Vertical flap : Down
Horizontal flap : Center



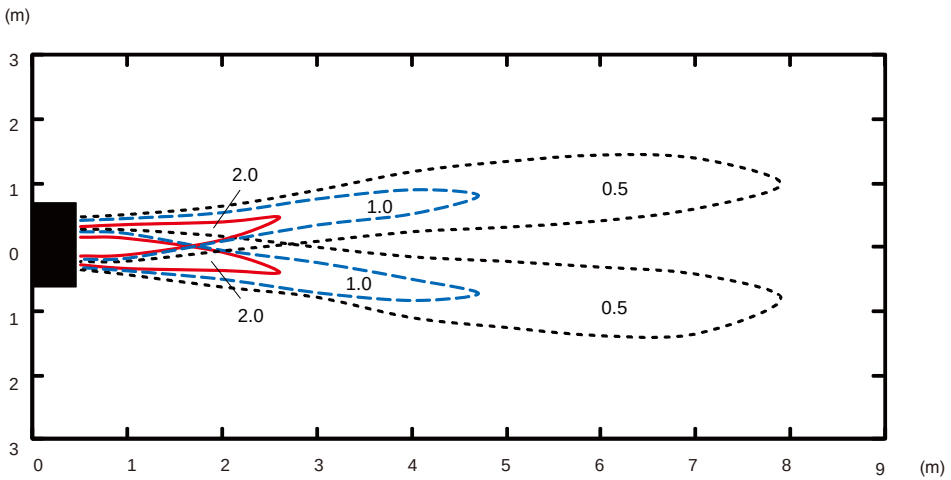
■ **MODEL : AS*G12LMCA**

Conditions
Fan speed : High
Operation mode : Fan

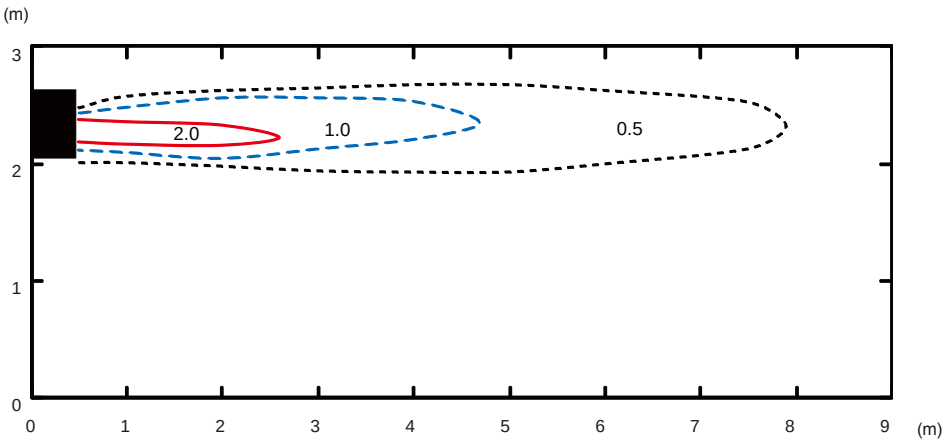
Top view
Vertical flap : Up
Horizontal flap : Center



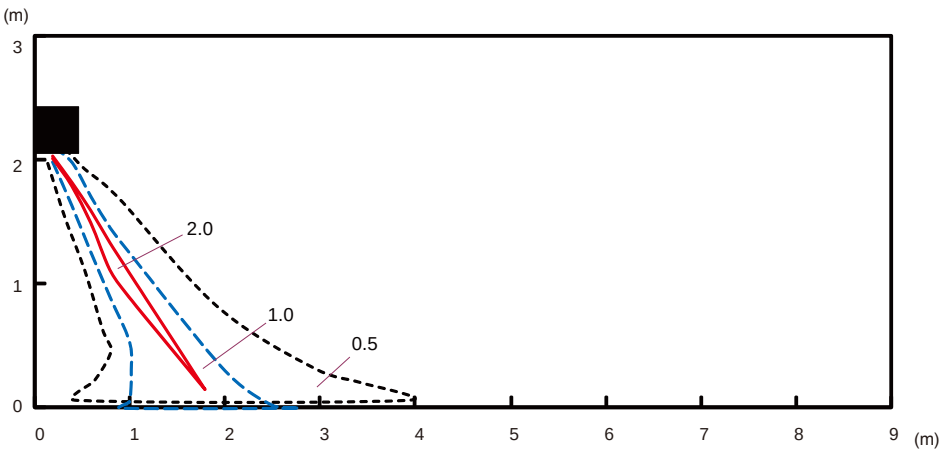
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



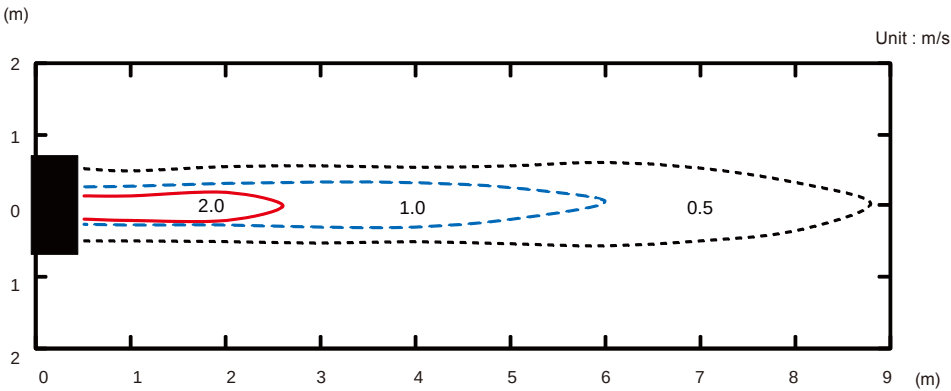
Side view
Vertical flap : Down
Horizontal flap : Center



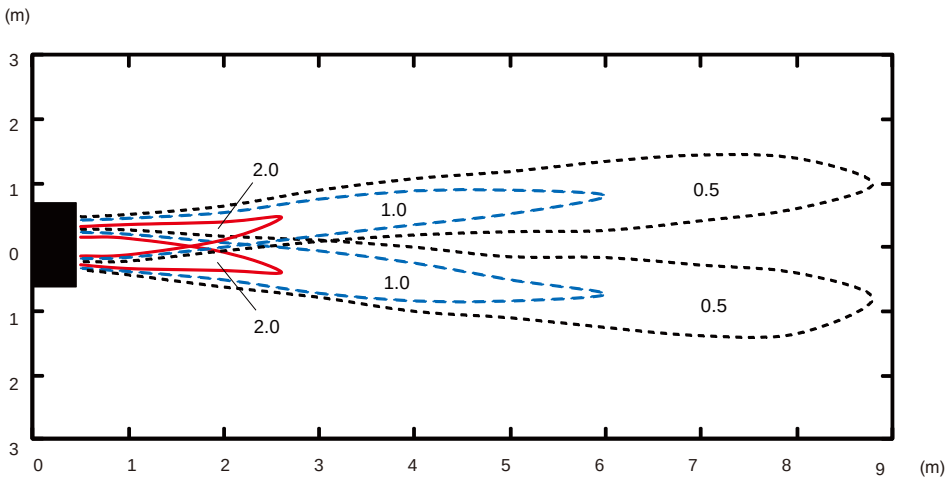
■ **MODEL : AS*G14LMCA**

Conditions
Fan speed : High
Operation mode : Fan

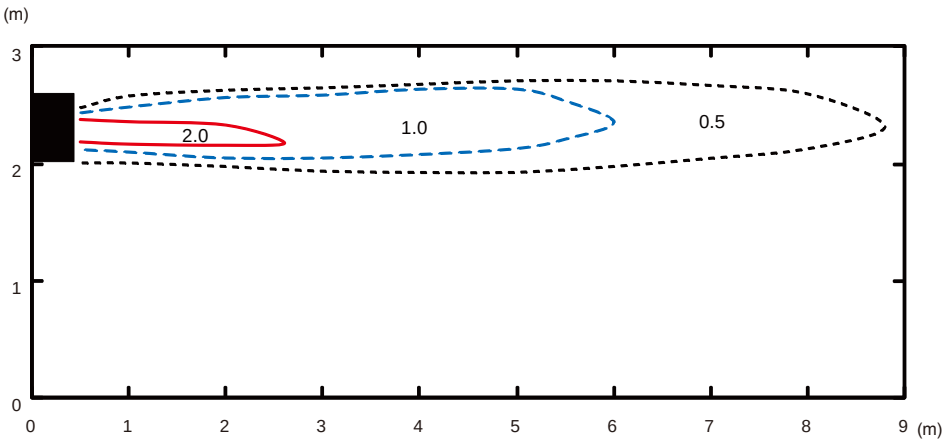
Top view
Vertical flap : Up
Horizontal flap : Center



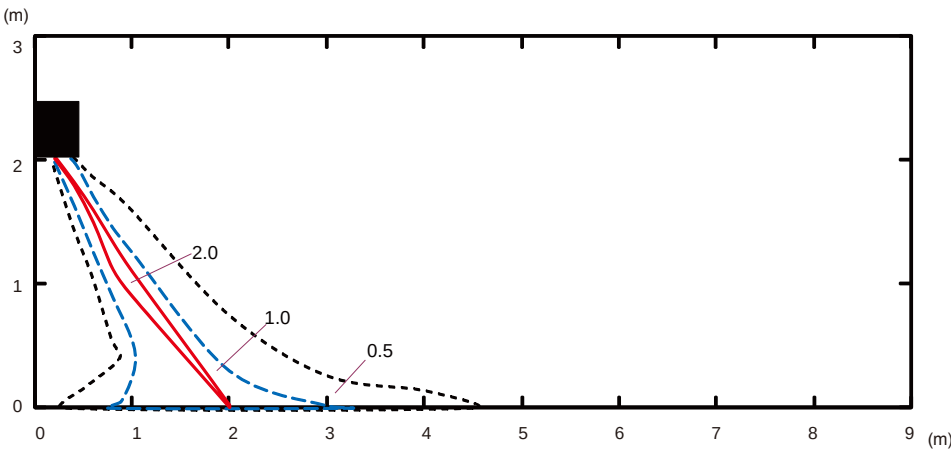
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



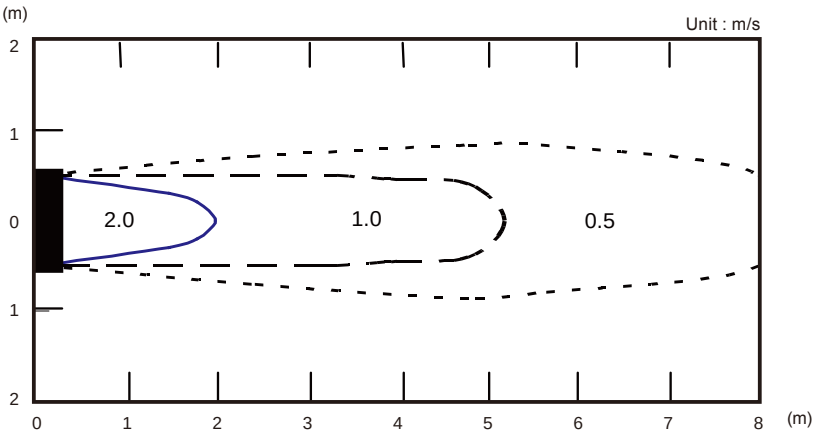
Side view
Vertical flap : Down
Horizontal flap : Center



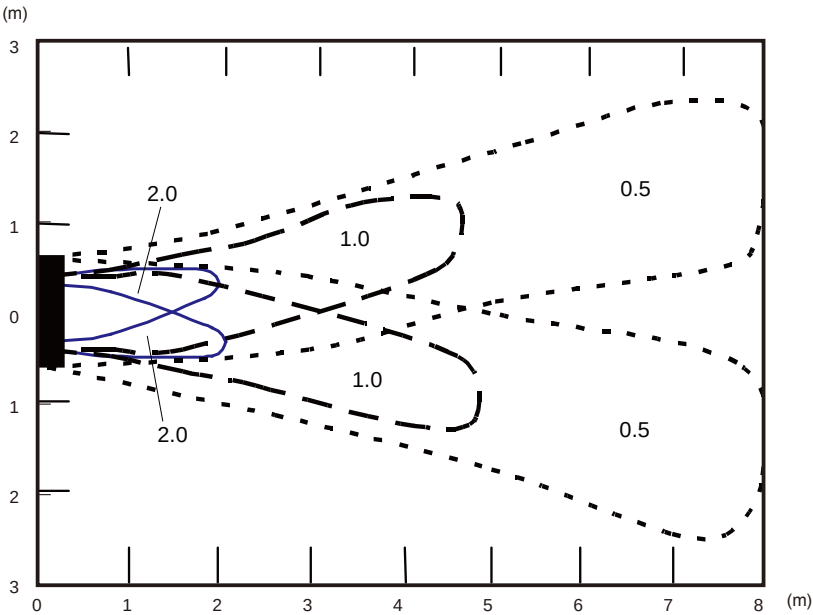
■ **MODEL : AS*G18LFCA**

Conditions
Fan speed : High
Operation mode : Fan

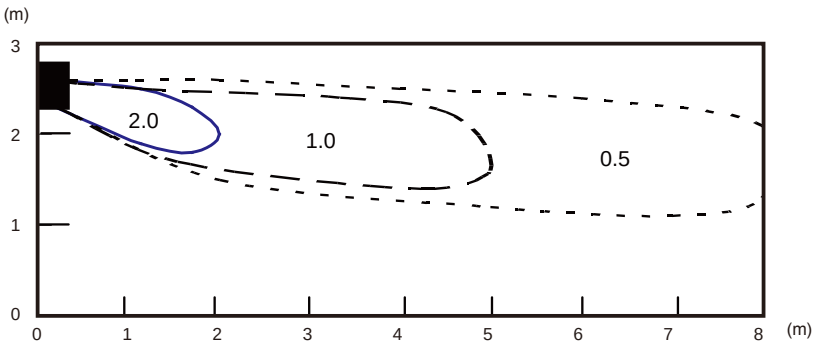
Top view
Vertical flap : Up
Horizontal flap : Center



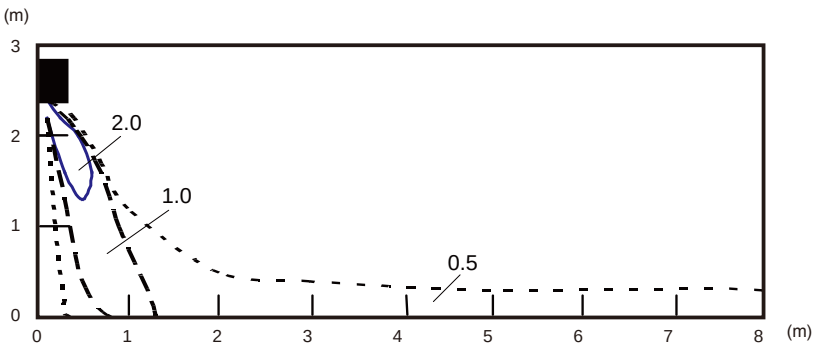
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



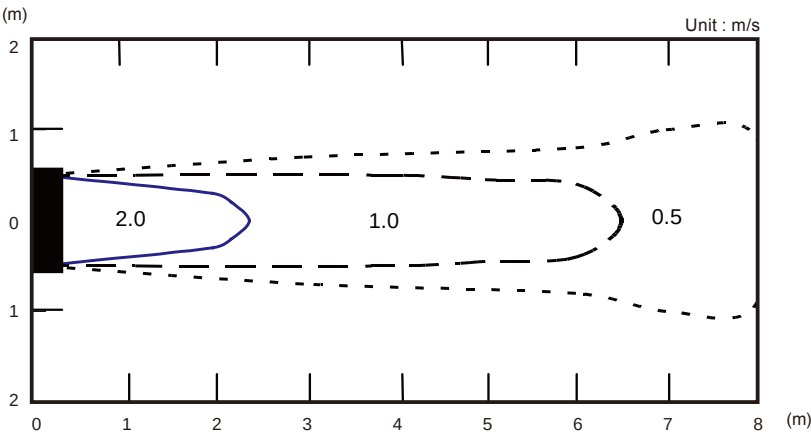
Side view
Vertical flap : Down
Horizontal flap : Center



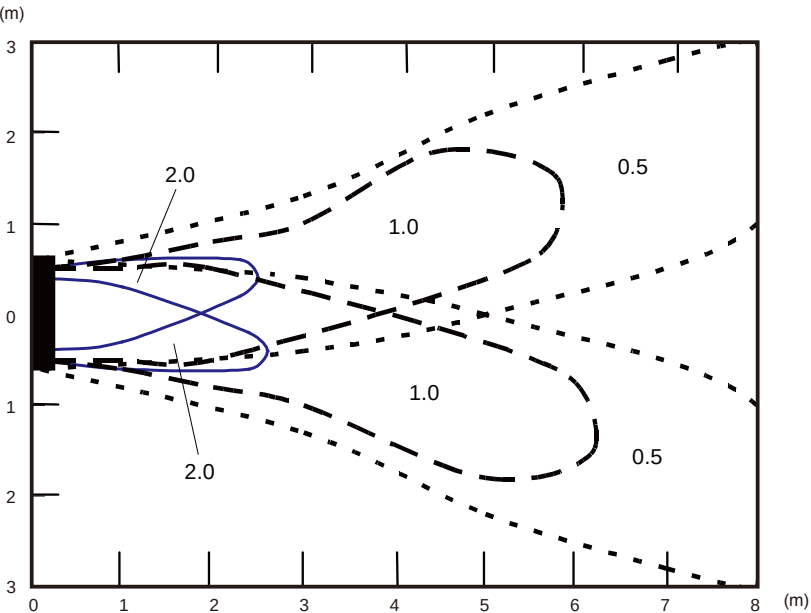
■ MODELS : AS*G24LFCA, AS*G24LFCC

Conditions
Fan speed : High
Operation mode : Fan

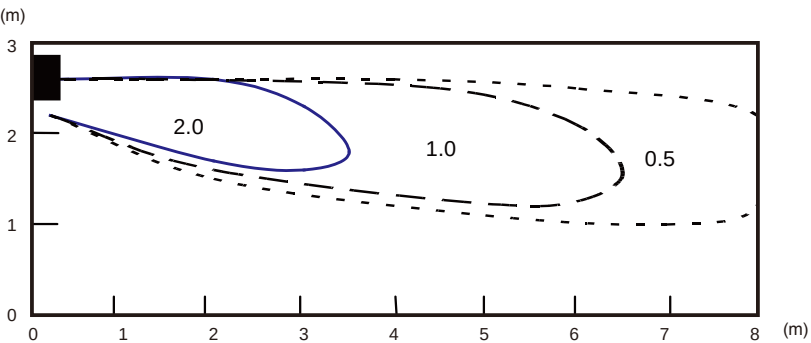
Top view
Vertical flap : Up
Horizontal flap : Center



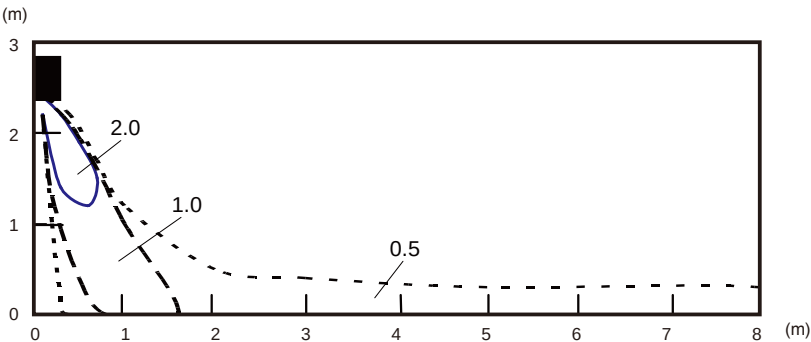
Top view
Vertical flap : Up
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



Side view
Vertical flap : Down
Horizontal flap : Center

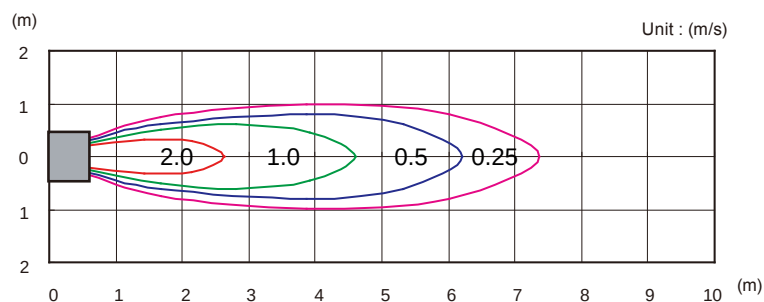


6-4.FLOOR / CEILING TYPE

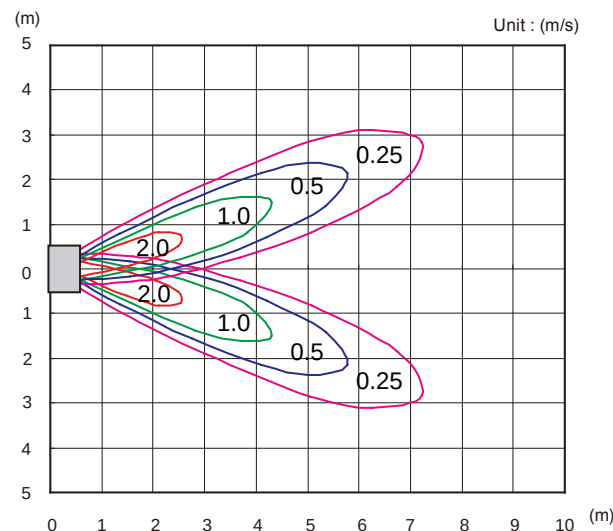
■ MODEL : AB*G14LVTA (UNDER CEILING)

Conditions
Fan speed : High
Operation mode : Fan

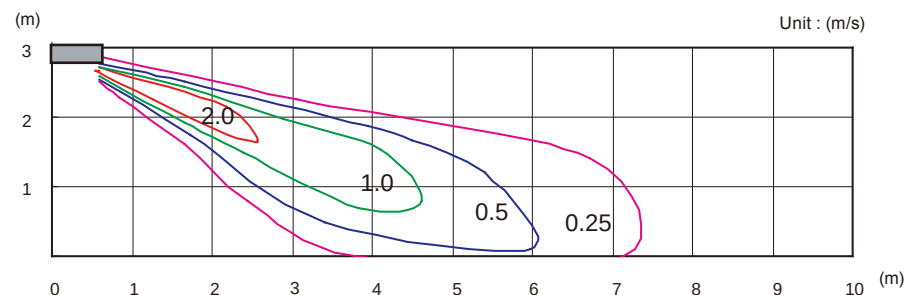
Top view
Vertical flap : Up
Horizontal flap : Center



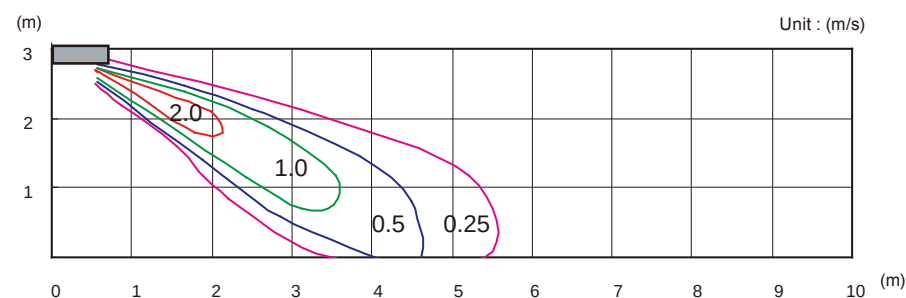
Top view
Vertical flap : Up
Horizontal flap : Right & Left



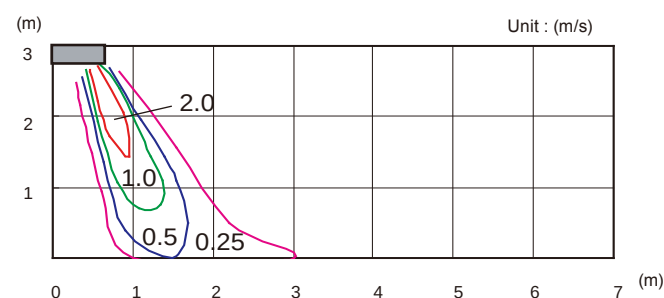
Side view
Vertical flap : Up
Horizontal flap : Center



Side view
Vertical flap : Center
Horizontal flap : Center



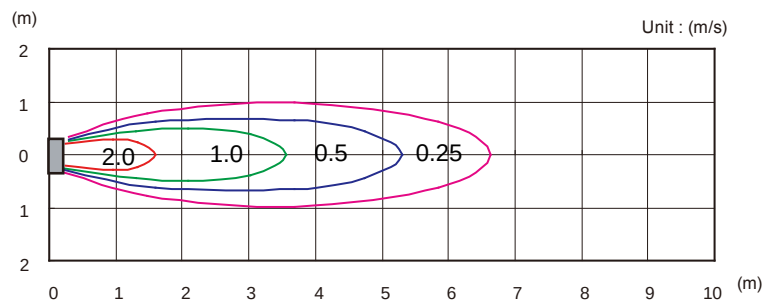
Side view
Vertical flap : Down
Horizontal flap : Center



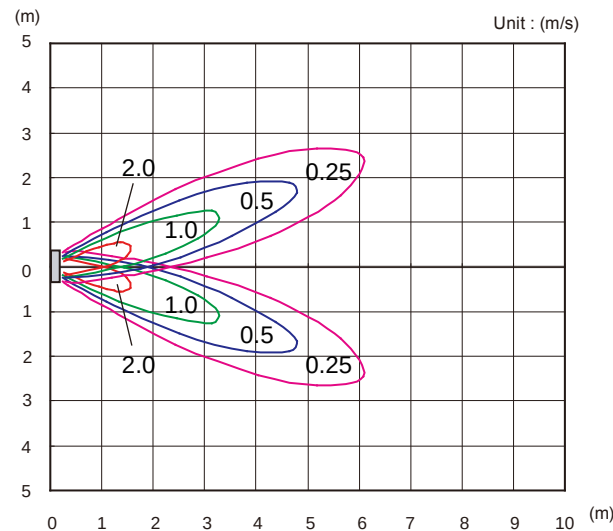
■ MODEL : AB*G14LVTA (FLOOR CONSOLE)

Conditions
Fan speed : High
Operation mode : Fan

Top view
Vertical flap : Up
Horizontal flap : Center



Top view
Vertical flap : Up
Horizontal flap : Right & Left



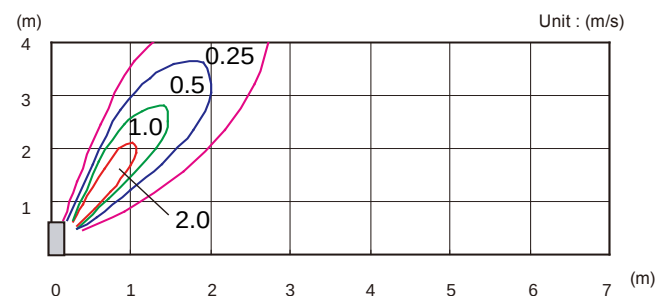
Side view
Vertical flap : Down
Horizontal flap : Center



Side view
Vertical flap : Center
Horizontal flap : Center



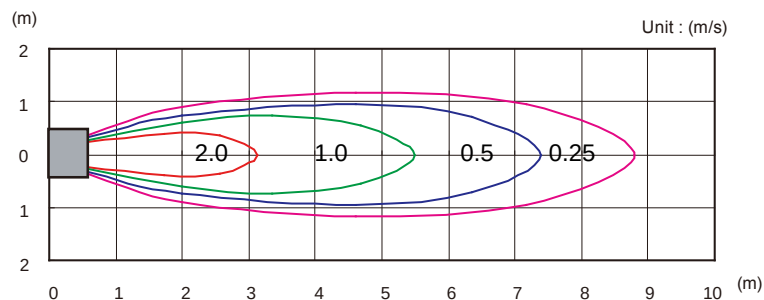
Side view
Vertical flap : Up
Horizontal flap : Center



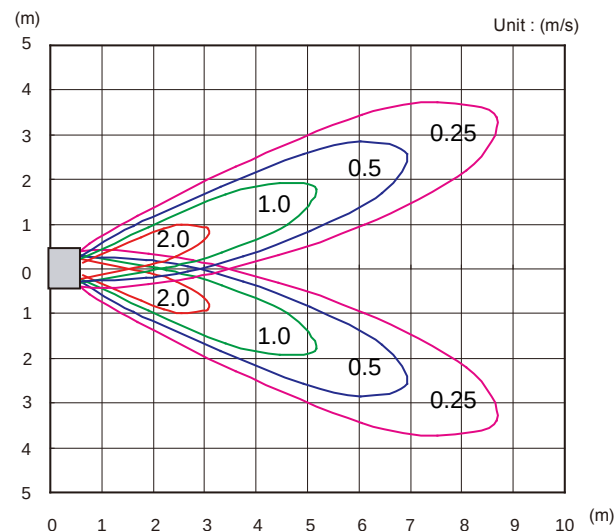
MODELS : AB*G18LVTA, AB*G18LVTB (UNDER CEILING)

Conditions
Fan speed : High
Operation mode : Fan

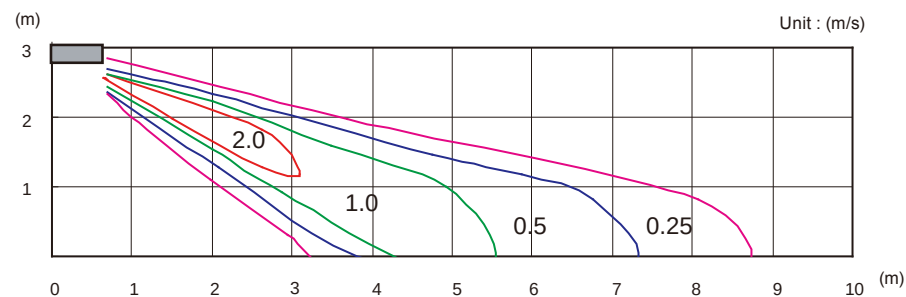
Top view
Vertical flap : Up
Horizontal flap : Center



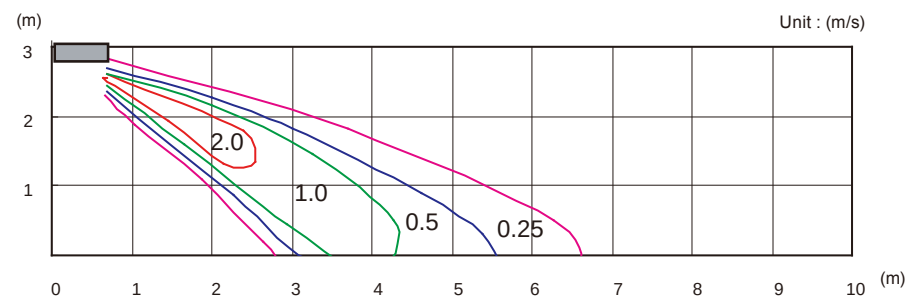
Top view
Vertical flap : Up
Horizontal flap : Right & Left



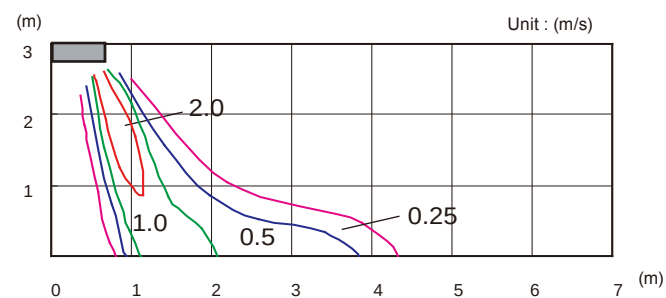
Side view
Vertical flap : Up
Horizontal flap : Center



Side view
Vertical flap : Center
Horizontal flap : Center



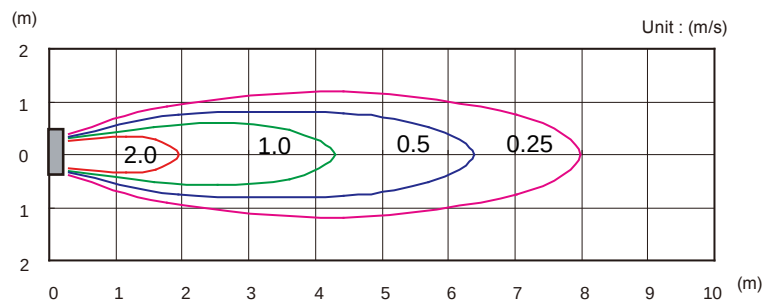
Side view
Vertical flap : Down
Horizontal flap : Center



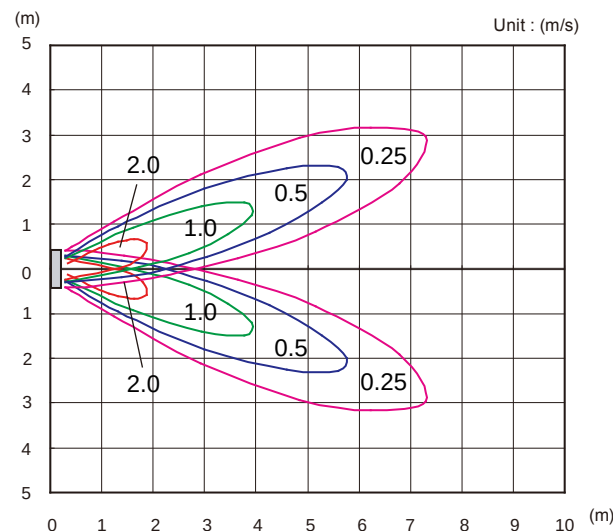
MODELS : AB*G18LVTA, AB*G18LVTB (FLOOR CONSOLE)

Conditions
Fan speed : High
Operation mode : Fan

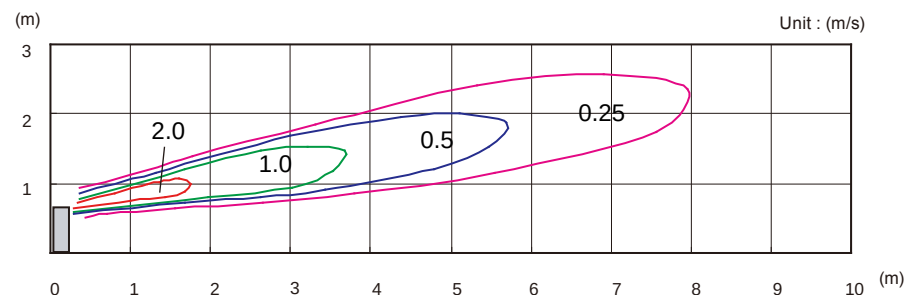
Top view
Vertical flap : Up
Horizontal flap : Center



Top view
Vertical flap : Up
Horizontal flap : Right & Left



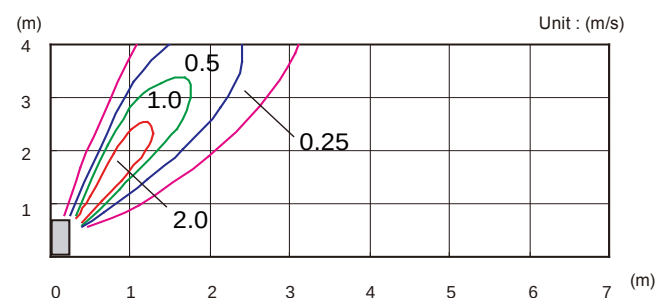
Side view
Vertical flap : Down
Horizontal flap : Center



Side view
Vertical flap : Center
Horizontal flap : Center



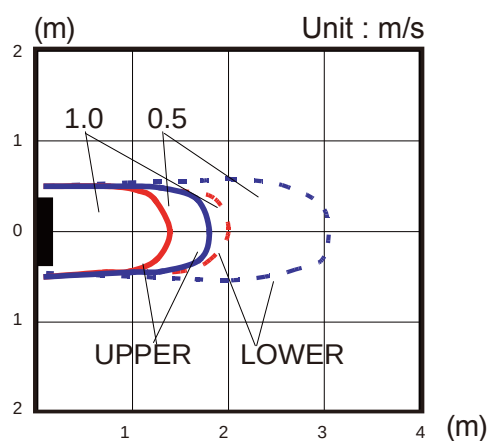
Side view
Vertical flap : Up
Horizontal flap : Center



6-5. FLOOR TYPE

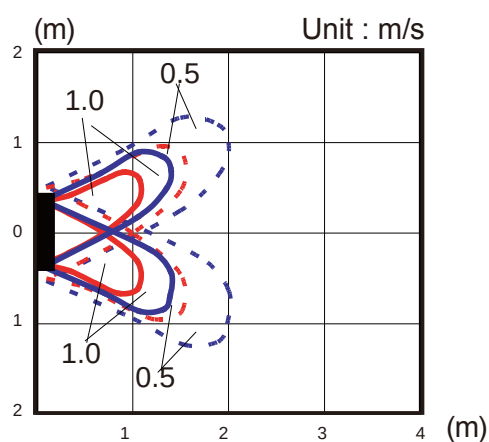
MODELS : AG*G09LVCA, AG*G12LVCA, AG*G14LVCA

Top view
Vertical flap : Down
Horizontal flap : Center

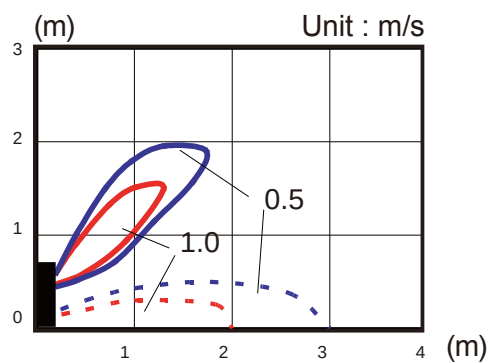


Conditions
Fan speed : High
Operation mode : Fan
Fan select : UPPER & LOWER

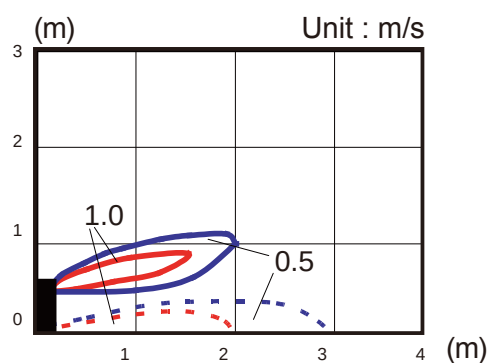
Top view
Vertical flap : Down
Horizontal flap : Right & Left



Side view
Vertical flap : Up
Horizontal flap : Center



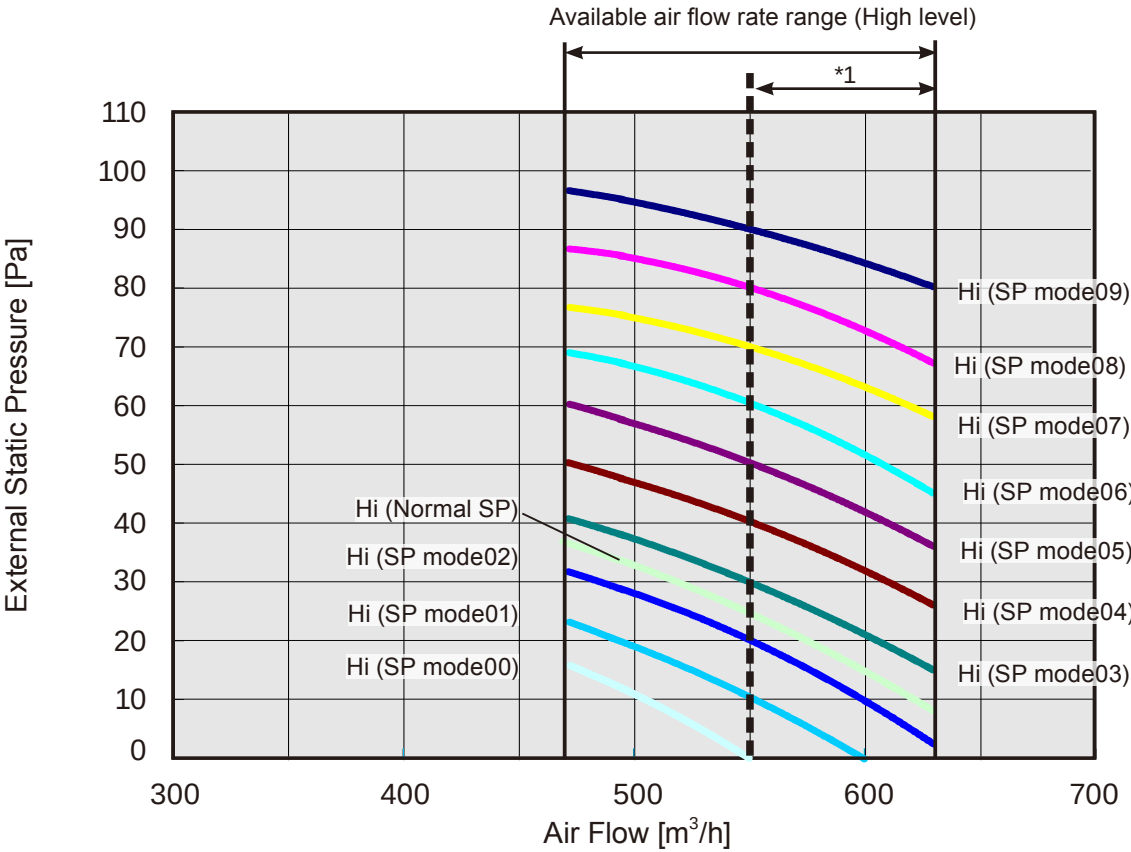
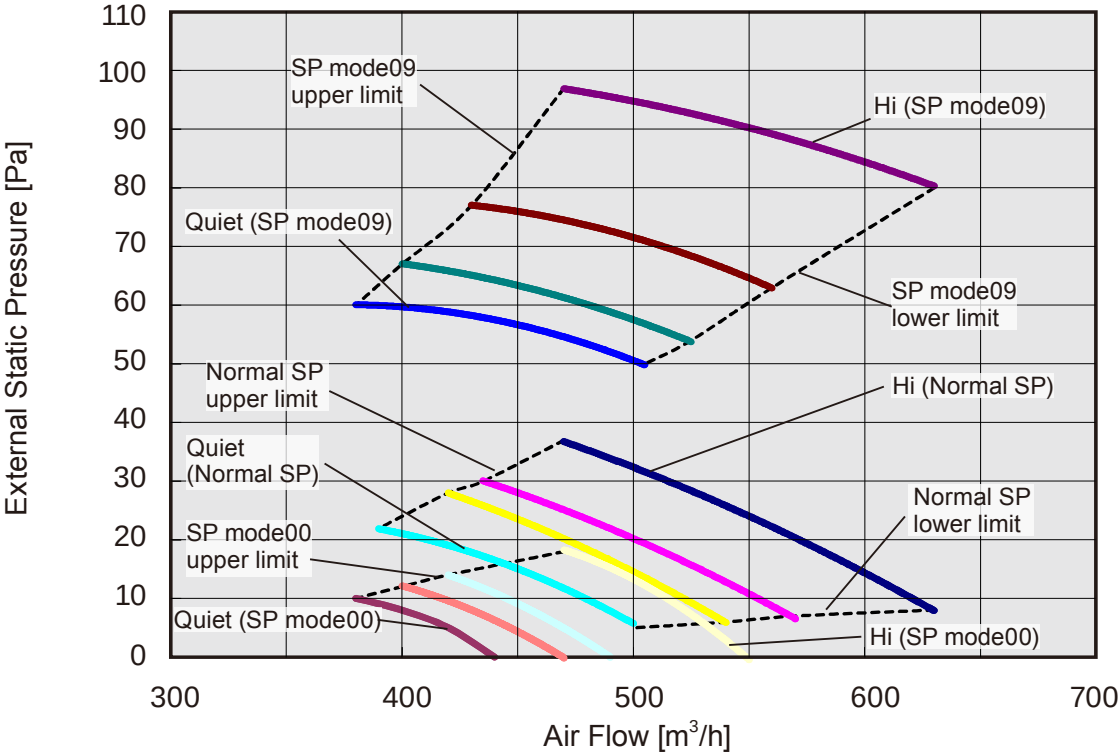
Side view
Vertical flap : Down
Horizontal flap : Center



7. FAN PERFORMANCE CURVE

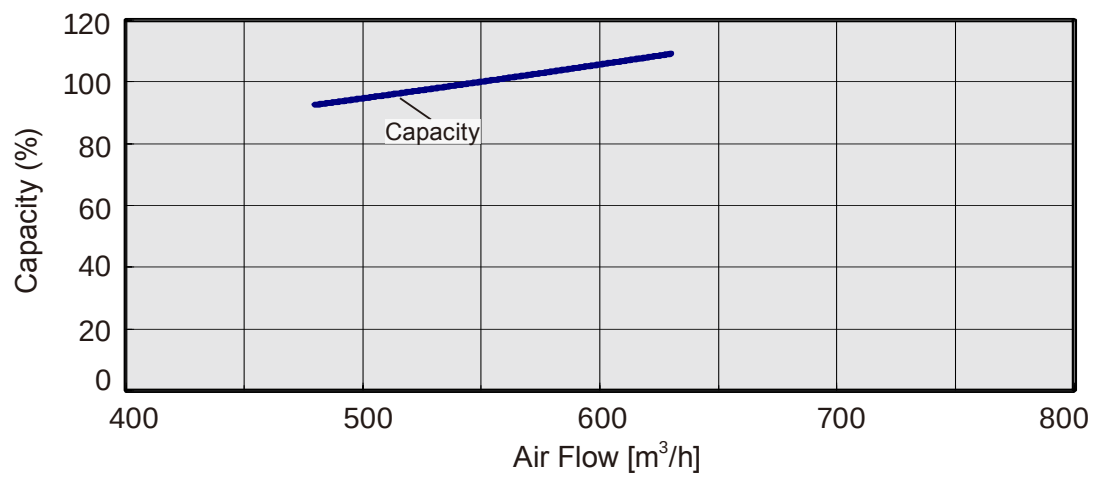
7-1. SLIM DUCT TYPE

■ MODEL : AR*G07LLTA

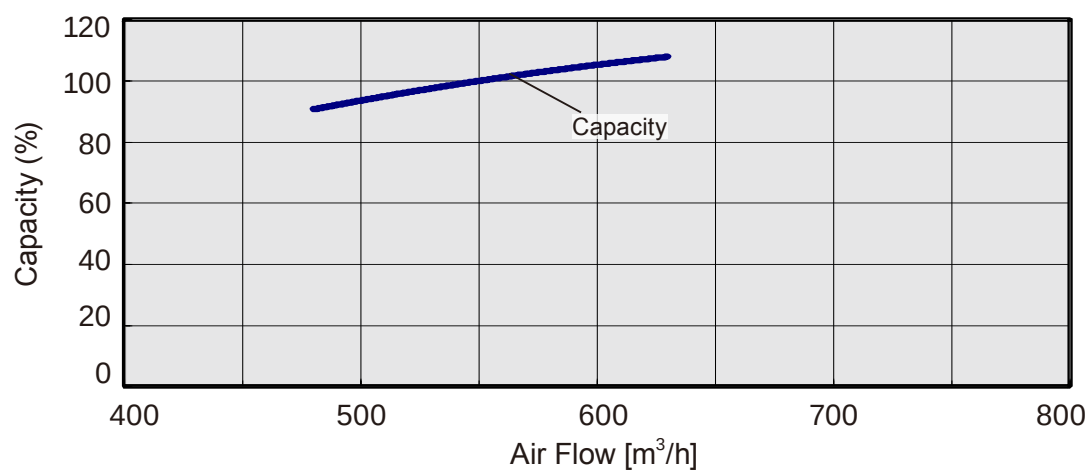


*1: Available air flow rate range when Auto louver grille (option) is installed.
Fan speed : High
Vertical flap : Up

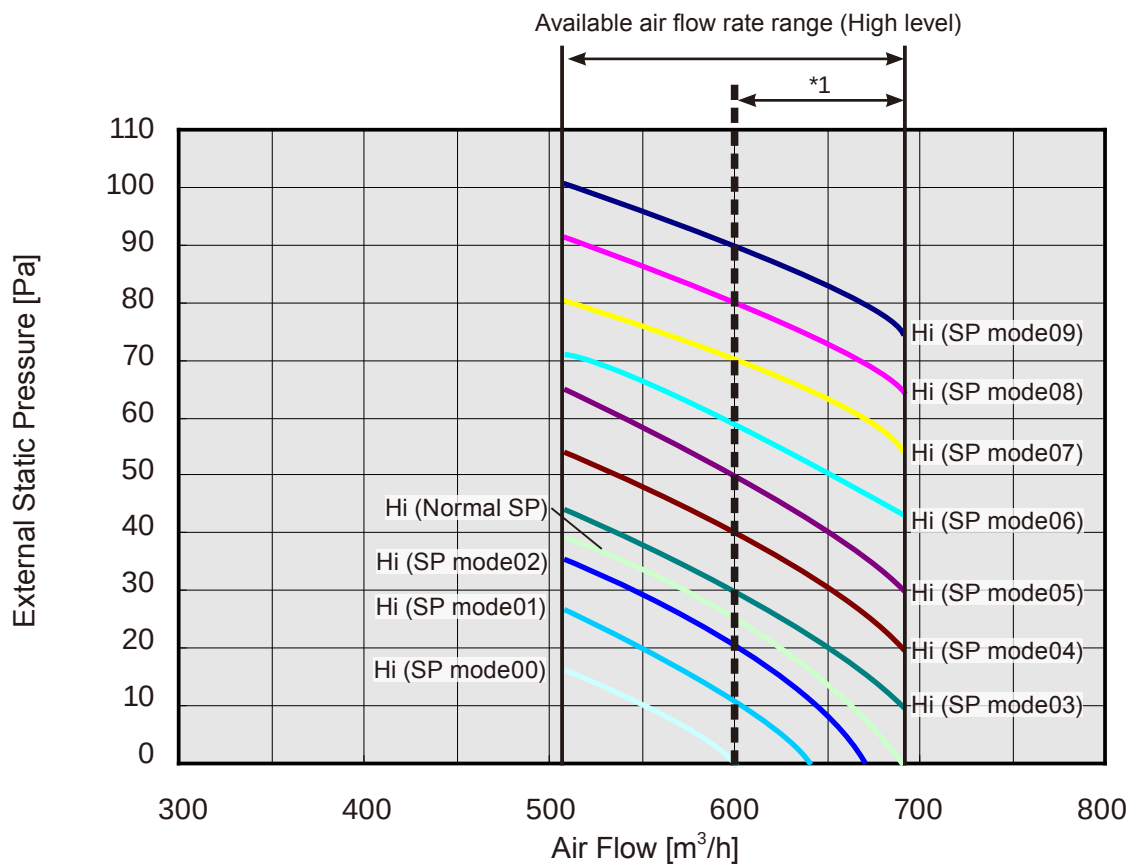
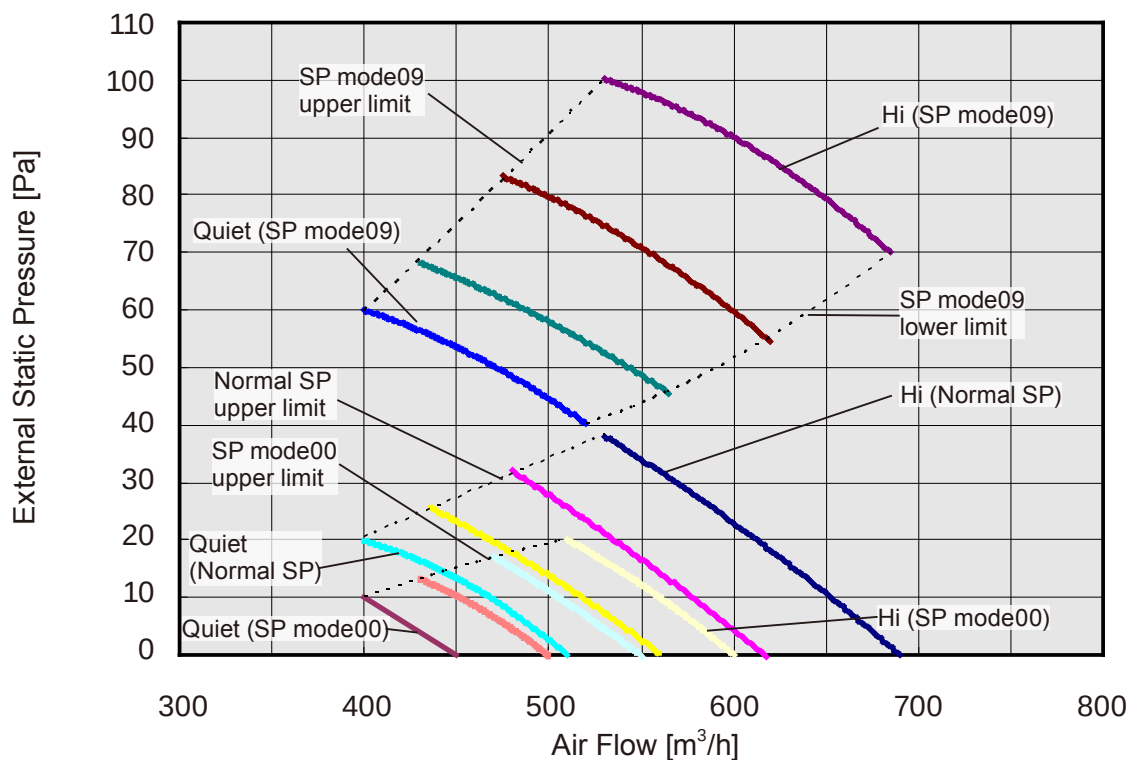
● Cooling



● Heating

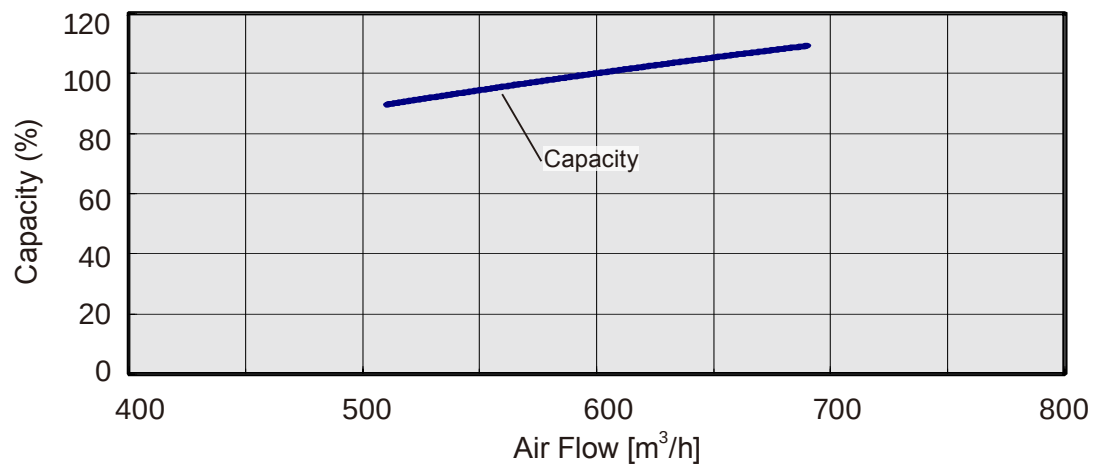


MODEL : AR*G09LLTA

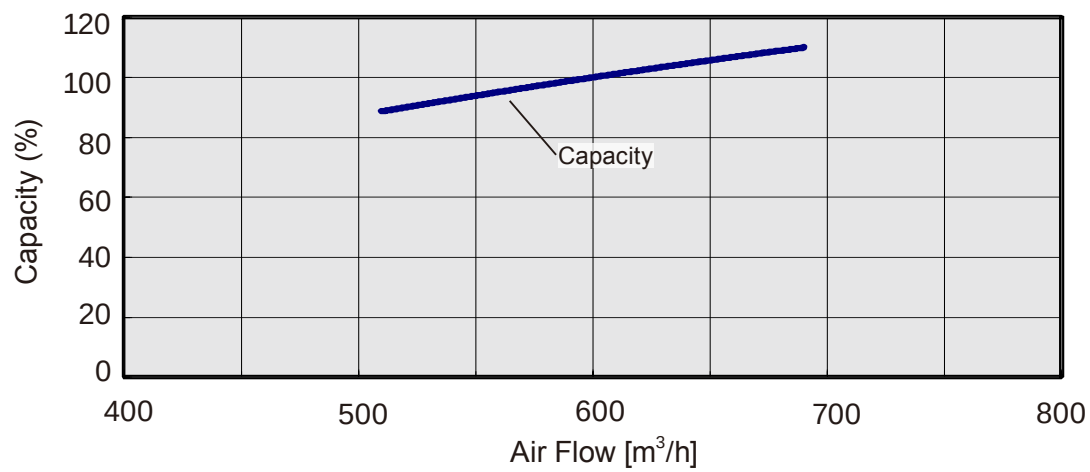


*1: Available air flow rate range when Auto louver grille (option) is installed.
Fan speed : High
Vertical flap : Up

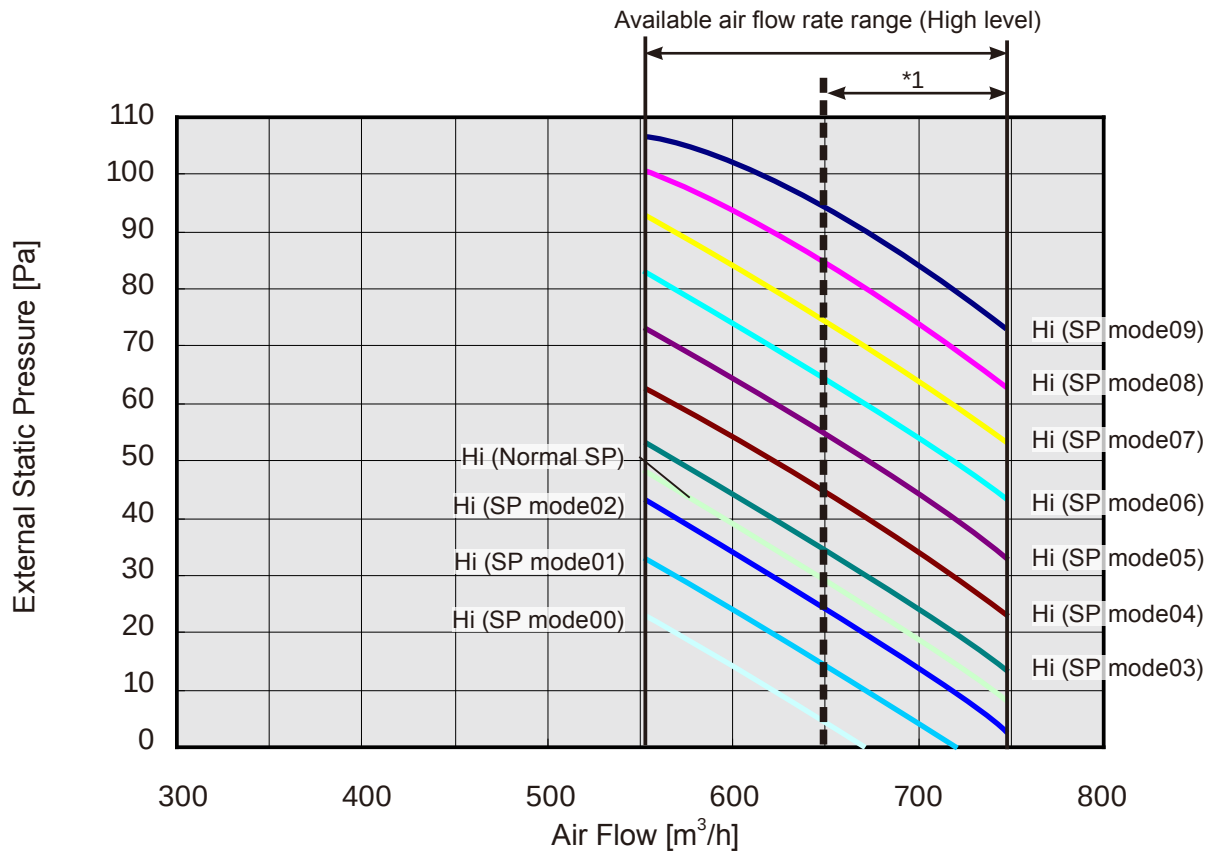
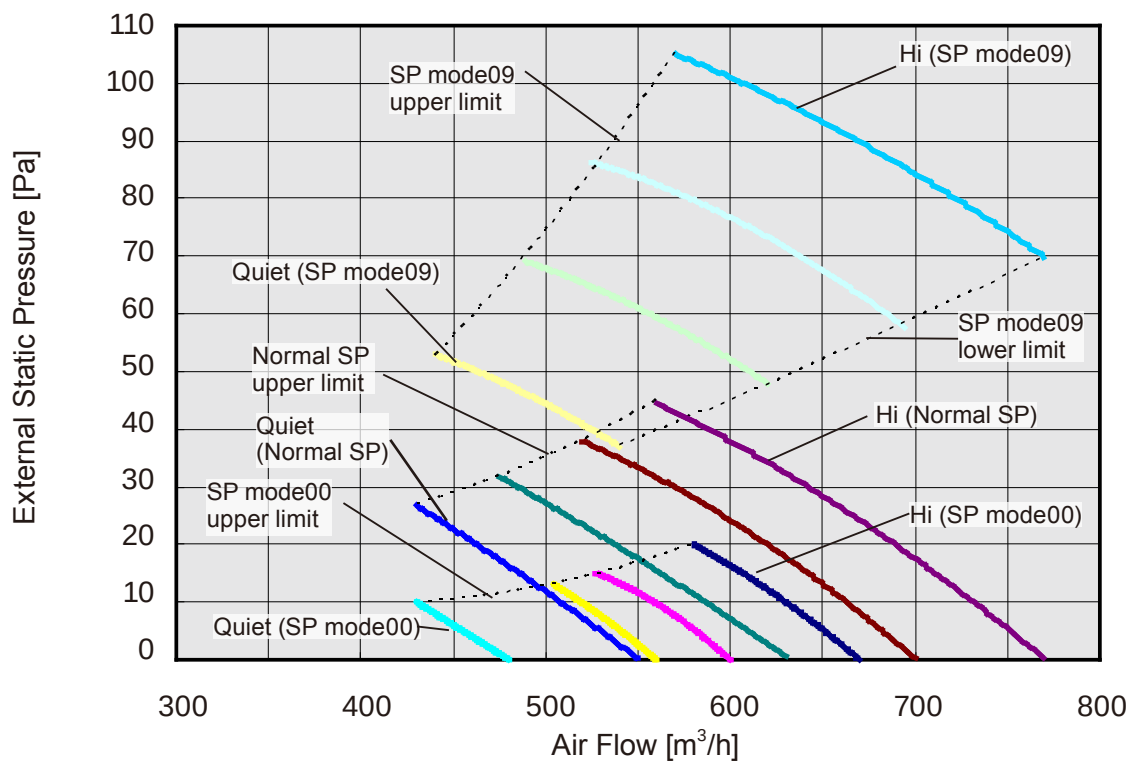
● Cooling



● Heating

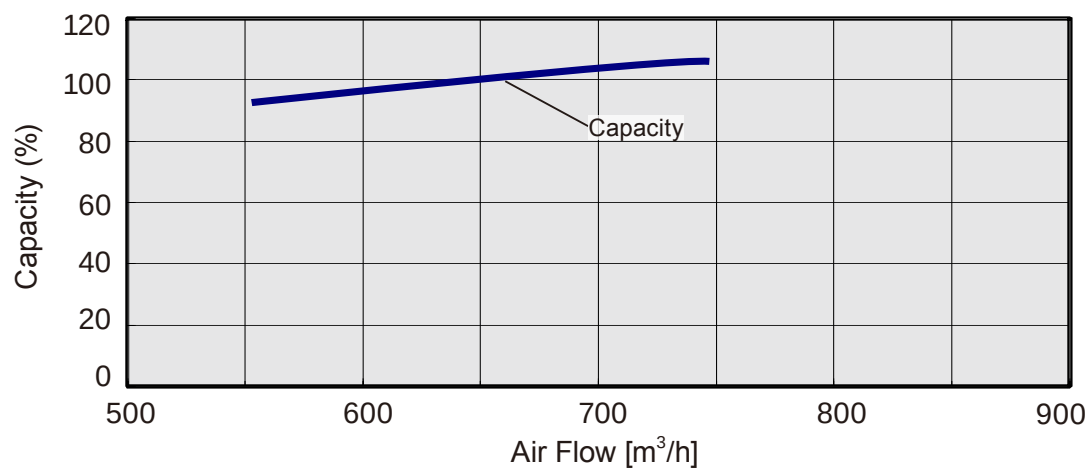


MODELS : AR*G12LLTA, AR*G12LLTB

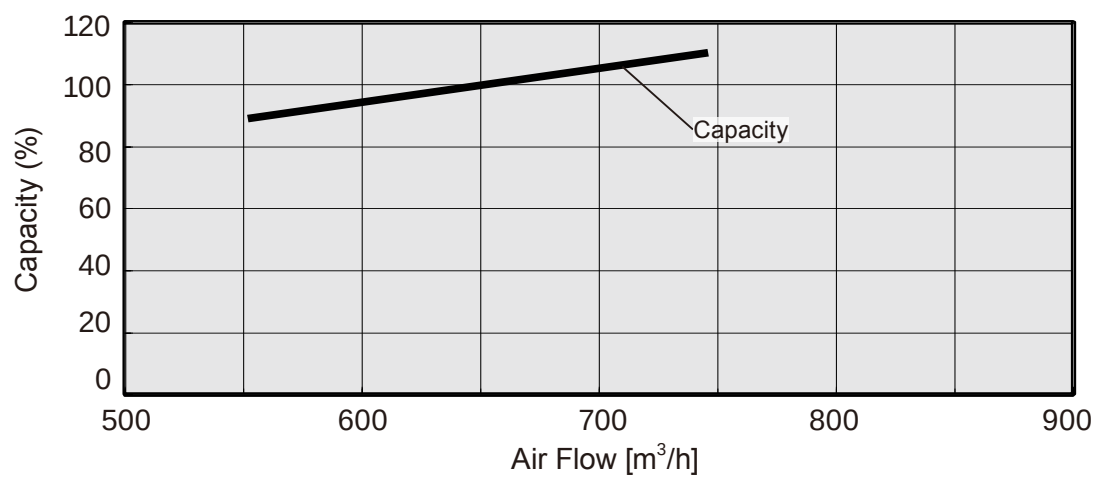


*1: Available air flow rate range when Auto louver grille (option) is installed.
Fan speed : High
Vertical flap : Up

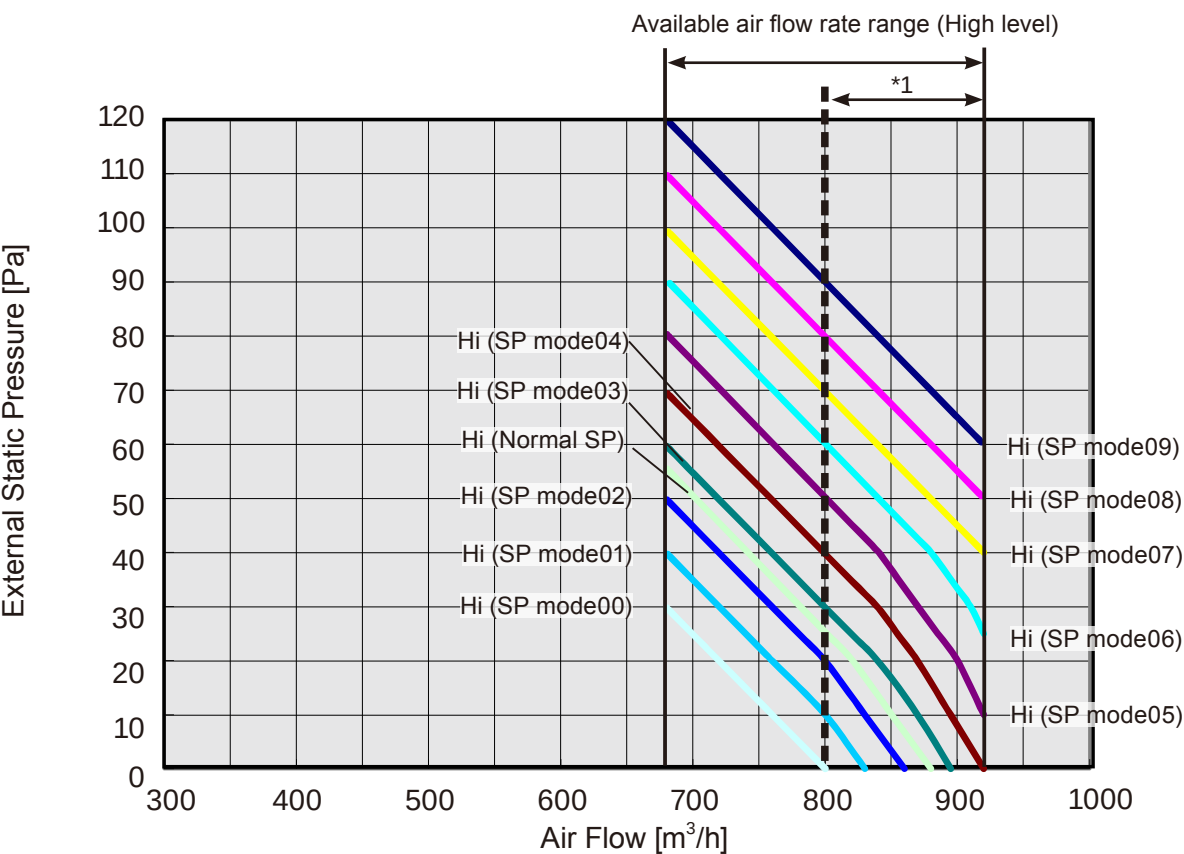
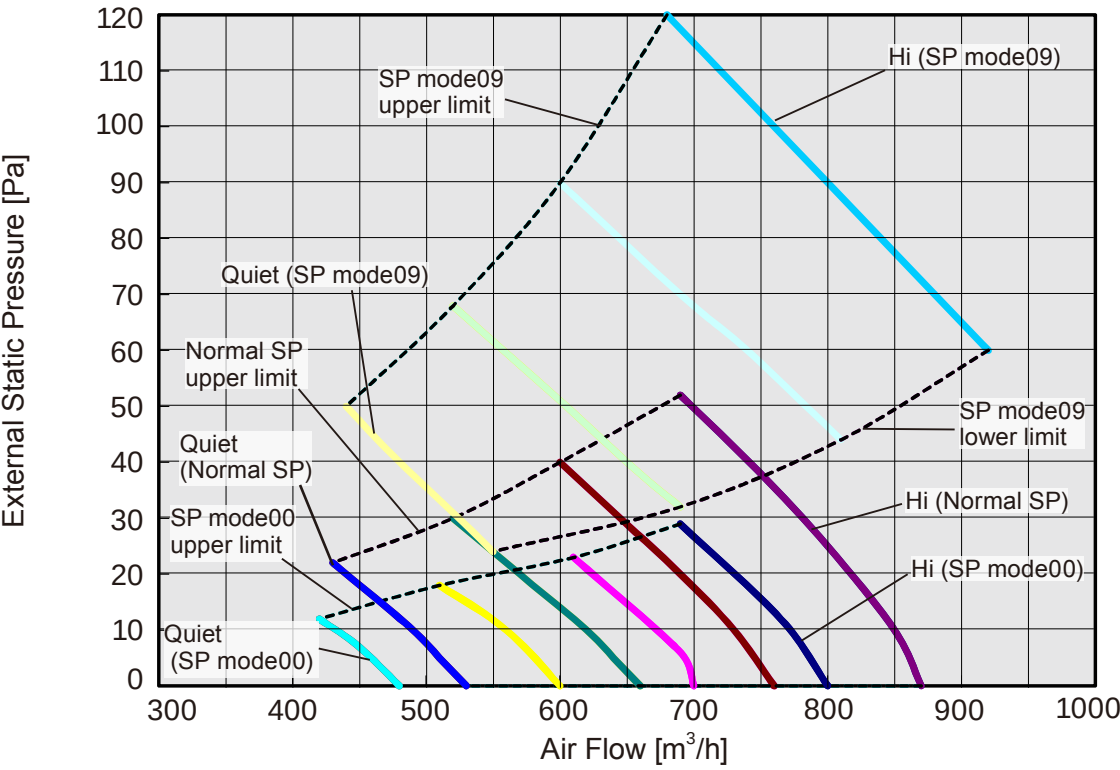
● Cooling



● Heating

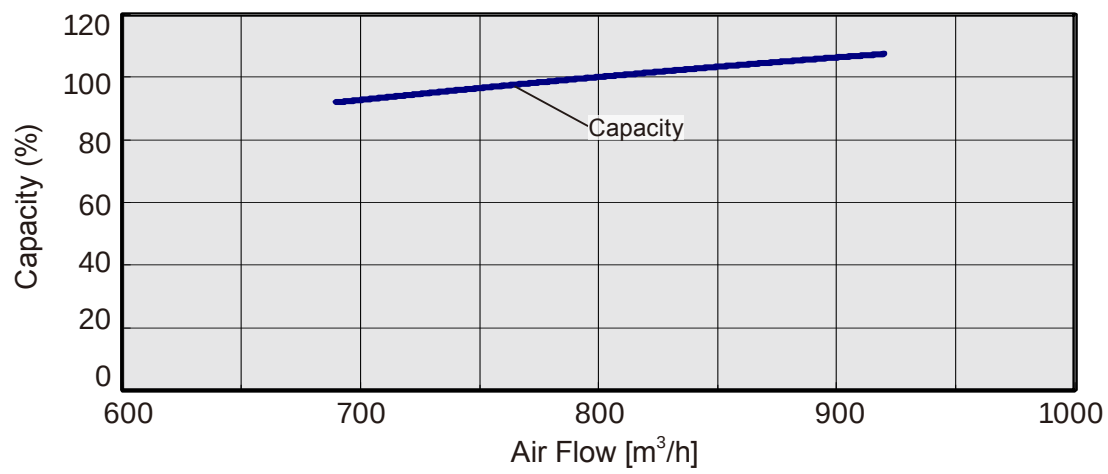


MODELS : AR*G14LLTA, AR*G14LLTB

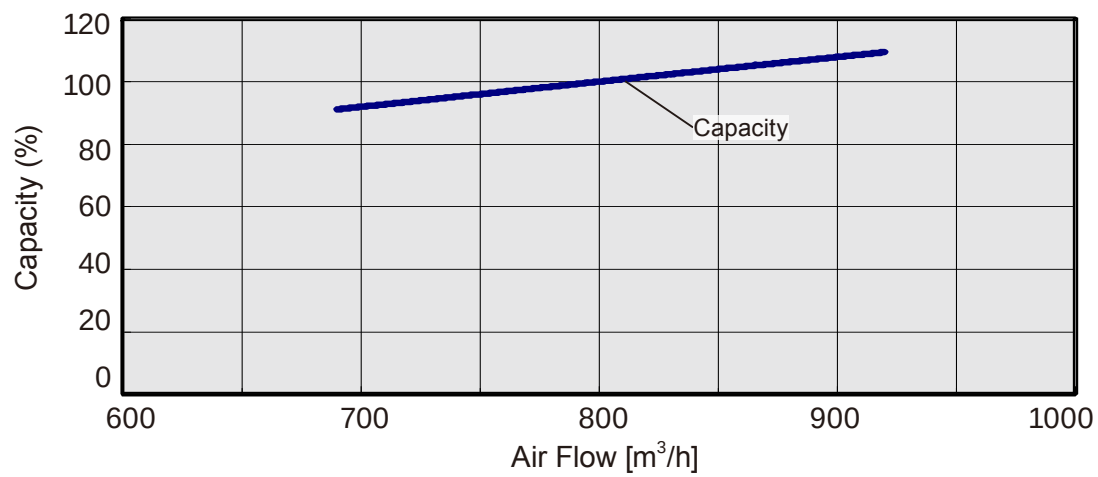


*1: Available air flow rate range when Auto louver grille (option) is installed.
Fan speed : High
Vertical flap : Up

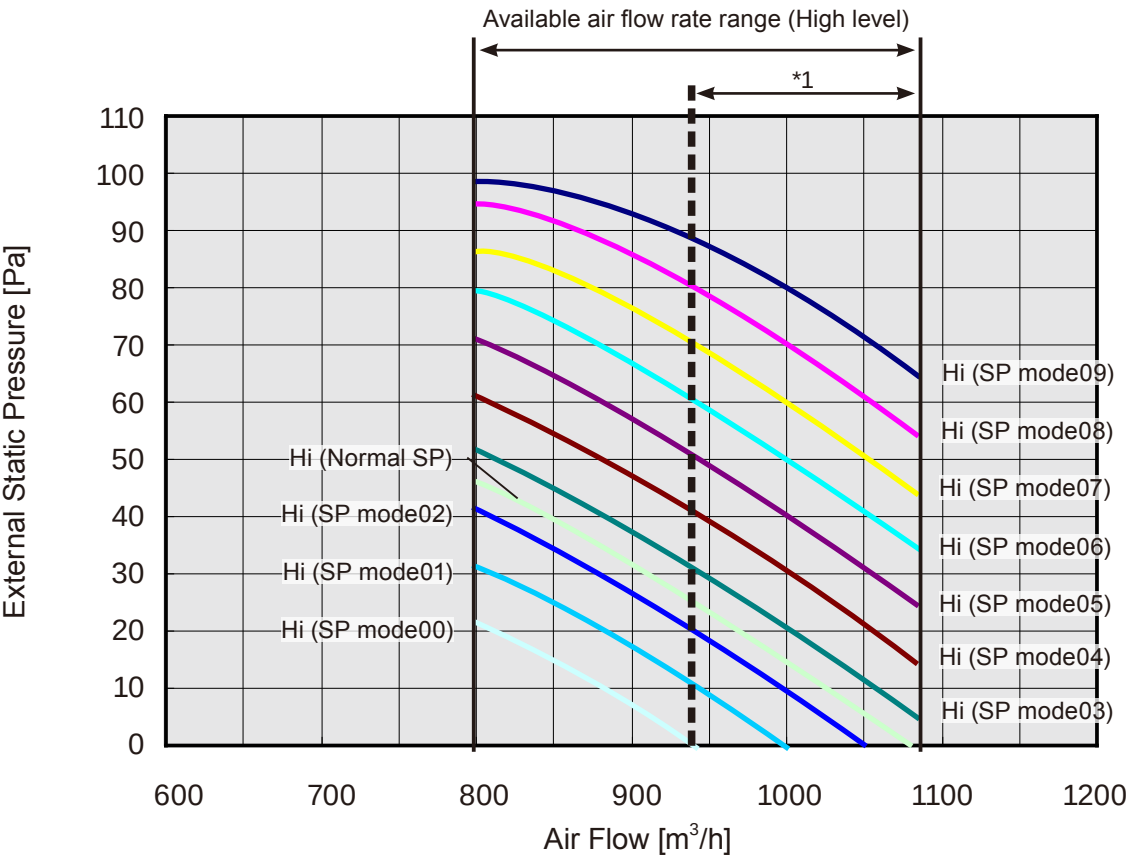
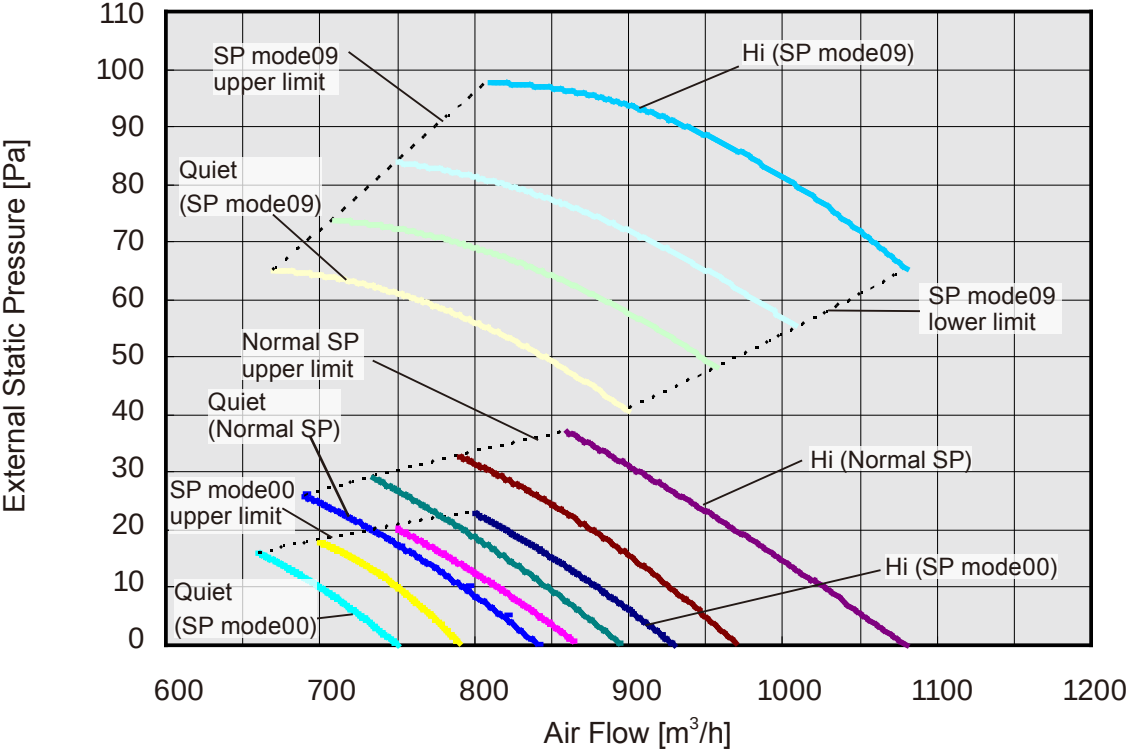
● Cooling



● Heating

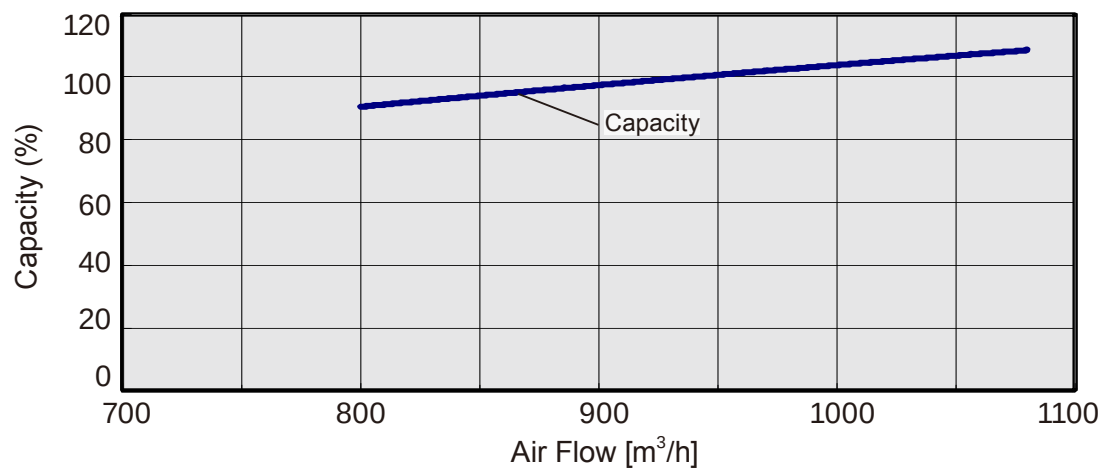


MODELS : AR*G18LLTA, AR*G18LLTB

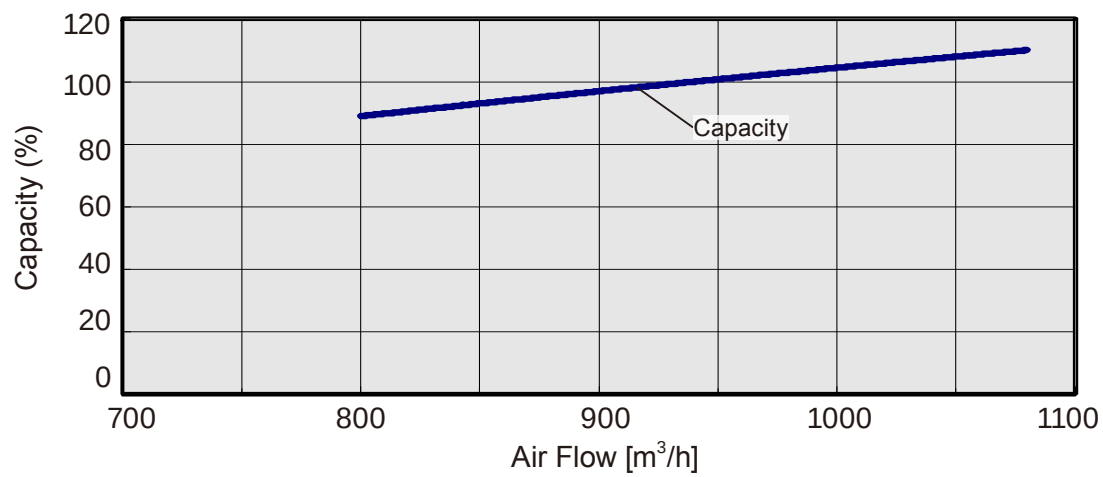


*1: Available air flow rate range when Auto louver grille (option) is installed.
Fan speed : High
Vertical flap : Up

● Cooling



● Heating



8. AIRFLOW

Type	Model	Operation mode	Fan speed	Air flow			Type		Model	Operation mode	Fan speed	Air flow		
				m³/h	l/s	CFM						m³/h	l/s	CFM
Compact Cassette	AU*G07LVLA AU*G09LVLA	Cooling	High	540	150	318	Wall Mounted	LJ	AS*G07LJCA	Cooling	High	560	156	330
			Med	490	136	288					Med	500	139	294
			Low	440	122	259					Low	430	119	253
			Quiet	390	108	230					Quiet	310	86	182
		Heating	High	540	150	318				Heating	High	560	156	330
			Med	490	136	288					Med	500	139	294
			Low	440	122	259					Low	430	119	253
			Quiet	390	108	230					Quiet	330	92	194
	AU*G12LVLA AU*G12LVLB	Cooling	High	610	169	359			AS*G09LJCA	Cooling	High	600	167	353
			Med	530	147	312					Med	520	144	306
			Low	470	131	277					Low	430	119	253
			Quiet	410	114	241					Quiet	310	86	182
		Heating	High	610	169	359				Heating	High	600	167	353
			Med	530	147	312					Med	520	144	306
			Low	470	131	277					Low	430	119	253
			Quiet	410	114	241					Quiet	330	92	194
	AU*G14LVLA AU*G14LVLB	Cooling	High	680	189	400			AS*G12LJCA	Cooling	High	660	183	388
			Med	580	161	341					Med	560	156	330
			Low	490	136	288					Low	450	125	265
			Quiet	410	114	241					Quiet	310	86	182
		Heating	High	700	194	412				Heating	High	660	183	388
			Med	620	172	365					Med	560	156	330
			Low	550	153	324					Low	470	131	277
			Quiet	430	119	253					Quiet	330	92	194
	AU*G18LVLA AU*G18LVLB	Cooling	High	750	208	441			AS*G07LUCA	Cooling	High	570	158	335
			Med	610	169	359					Med	520	144	306
			Low	520	144	306					Low	470	131	276
			Quiet	410	114	241					Quiet	330	92	194
		Heating	High	800	222	471				Heating	High	570	158	335
			Med	710	197	418					Med	520	144	306
			Low	600	167	353					Low	470	131	276
			Quiet	450	125	265					Quiet	330	92	194
Slim Duct	AR*G07LLTA	Cooling	High	550	153	324		LU	AS*G09LUCA	Cooling	High	570	158	335
			Med	490	136	288					Med	520	144	306
			Low	470	131	277					Low	470	131	276
			Quiet	440	122	259					Quiet	330	92	194
		Heating	High	550	153	324				Heating	High	600	167	353
			Med	490	136	288					Med	550	153	324
			Low	470	131	277					Low	470	131	276
			Quiet	440	122	259					Quiet	330	92	194
	AR*G09LLTA	Cooling	High	600	167	353			AS*G12LUCA	Cooling	High	660	183	388
			Med	550	153	324					Med	600	167	353
			Low	500	139	294					Low	530	147	312
			Quiet	450	125	265					Quiet	330	92	194
		Heating	High	600	167	353				Heating	High	660	183	388
			Med	550	153	324					Med	600	167	353
			Low	500	139	294					Low	530	147	312
			Quiet	450	125	265					Quiet	330	92	194
	AR*G12LLTA AR*G12LLTB	Cooling	High	650	181	383			AS*G14LUCA	Cooling	High	710	197	418
			Med	600	167	353					Med	640	178	376
			Low	550	153	324					Low	570	158	335
			Quiet	480	133	283					Quiet	390	108	229
		Heating	High	650	181	383				Heating	High	710	197	418
			Med	600	167	353					Med	640	178	376
			Low	550	153	324					Low	590	164	347
			Quiet	480	133	283					Quiet	430	119	253
	AR*G14LLTA AR*G14LLTB	Cooling	High	800	222	471								
			Med	700	194	412								
			Low	600	167	353								
			Quiet	480	133	283								
		Heating	High	800	222	471								
			Med	700	194	412								
			Low	600	167	353								
			Quiet	480	133	283								
	AR*G18LLTA AR*G18LLTB	Cooling	High	940	261	553								
			Med	880	244	518								
			Low	820	227	483								
			Quiet	750	208	441								
		Heating	High	940	261	553								
			Med	880	244	518								
			Low	820	227	483								
			Quiet	750	208	441								

Conversion Factor
1 m³/h = 0.2778 l/s = 0.5886 CFM
3.6 m³/h = 1 l/s
1.699 m³/h = 1 CFM

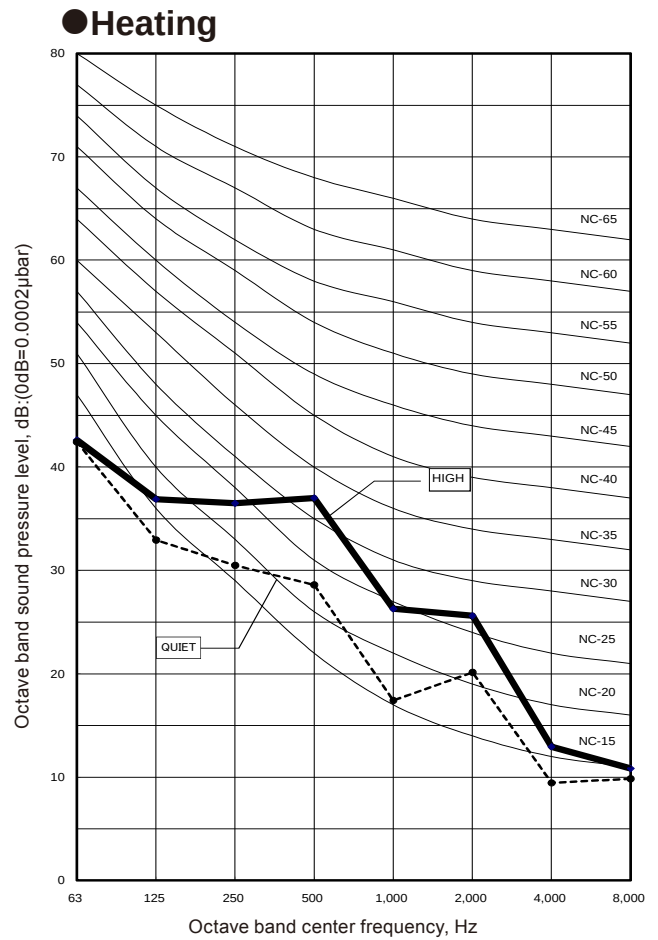
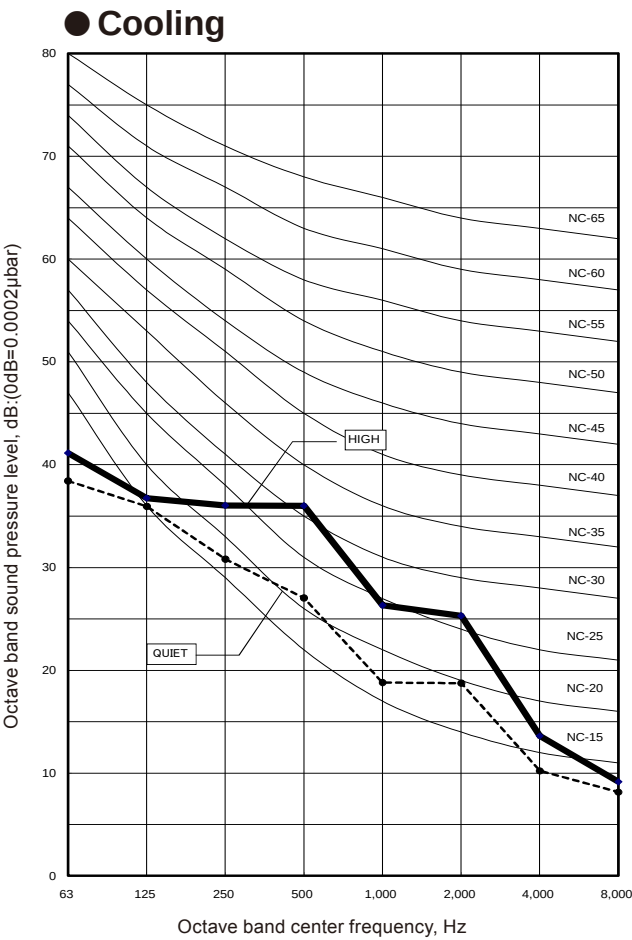
Type		Model	Operation mode	Fan speed	Airflow			Type	Model	Operation mode	Fan speed	Airflow																																																																																																																																																																																																																																																																																																																	
					m³/h	l/s	CFM					m³/h	l/s	CFM																																																																																																																																																																																																																																																																																																															
Wall Mounted	LM	AS*G07LMCA	Cooling	High	560	156	330	Floor / Ceiling	AB*G14LVTA	Cooling	High	640	178	377																																																																																																																																																																																																																																																																																																															
				Med	500	139	294				Med	590	164	347																																																																																																																																																																																																																																																																																																															
				Low	430	119	253				Low	540	150	318																																																																																																																																																																																																																																																																																																															
				Quiet	310	86	182				Quiet	480	133	283																																																																																																																																																																																																																																																																																																															
			Heating	High	560	156	330			Heating	High	640	178	377																																																																																																																																																																																																																																																																																																															
				Med	500	139	294				Med	590	164	347																																																																																																																																																																																																																																																																																																															
				Low	430	119	253				Low	540	150	318																																																																																																																																																																																																																																																																																																															
				Quiet	330	92	194				Quiet	480	133	283																																																																																																																																																																																																																																																																																																															
		AS*G09LMCA	Cooling	High	600	167	353		AB*G18LVTA AB*G18LVTB	Cooling	High	780	217	459																																																																																																																																																																																																																																																																																																															
				Med	520	144	306				Med	700	194	412																																																																																																																																																																																																																																																																																																															
				Low	430	119	253				Low	560	156	330																																																																																																																																																																																																																																																																																																															
				Quiet	310	86	182				Quiet	500	139	294																																																																																																																																																																																																																																																																																																															
			Heating	High	600	167	353			Heating	High	780	217	459																																																																																																																																																																																																																																																																																																															
				Med	520	144	306				Med	700	194	412																																																																																																																																																																																																																																																																																																															
				Low	430	119	253				Low	560	156	330																																																																																																																																																																																																																																																																																																															
				Quiet	330	92	194				Quiet	500	139	294																																																																																																																																																																																																																																																																																																															
		AS*G12LMCA	Cooling	High	660	183	388	Floor	AG*G09LVCA	Cooling	High	530	147	312																																																																																																																																																																																																																																																																																																															
				Med	560	156	330				Med	440	122	259																																																																																																																																																																																																																																																																																																															
				Low	450	125	265				Low	360	100	212																																																																																																																																																																																																																																																																																																															
				Quiet	310	86	182				Quiet	270	75	159																																																																																																																																																																																																																																																																																																															
			Heating	High	660	183	388			Heating	High	530	147	312																																																																																																																																																																																																																																																																																																															
				Med	560	156	330				Med	460	128	270																																																																																																																																																																																																																																																																																																															
				Low	470	131	277				Low	380	106	224																																																																																																																																																																																																																																																																																																															
				Quiet	330	92	194				Quiet	270	75	159																																																																																																																																																																																																																																																																																																															
		AS*G14LMCA	Cooling	High	730	203	430		AG*G12LVCA	Cooling	High	600	167	353																																																																																																																																																																																																																																																																																																															
				Med	600	167	353				Med	490	136	288																																																																																																																																																																																																																																																																																																															
				Low	530	147	312				Low	380	106	224																																																																																																																																																																																																																																																																																																															
				Quiet	360	100	212				Quiet	270	75	159																																																																																																																																																																																																																																																																																																															
			Heating	High	730	203	430			Heating	High	600	167	353																																																																																																																																																																																																																																																																																																															
				Med	615	171	362				Med	510	142	300																																																																																																																																																																																																																																																																																																															
				Low	560	156	330				Low	410	114	241																																																																																																																																																																																																																																																																																																															
				Quiet	375	104	221				Quiet	270	75	159																																																																																																																																																																																																																																																																																																															
	LF	AS*G18LFCA	Cooling	High	900	250	530	AG*G14LVCA		Cooling	High	650	181	383																																																																																																																																																																																																																																																																																																															
				Med	740	206	436				Med	520	144	306																																																																																																																																																																																																																																																																																																															
				Low	620	172	365				Low	400	111	235																																																																																																																																																																																																																																																																																																															
				Quiet	550	153	324				Quiet	270	75	159																																																																																																																																																																																																																																																																																																															
			Heating	High	900	250	530			Heating	High	650	181	383																																																																																																																																																																																																																																																																																																															
				Med	740	206	436				Med	540	150	318																																																																																																																																																																																																																																																																																																															
				Low	620	172	365				Low	430	119	253																																																																																																																																																																																																																																																																																																															
				Quiet	550	153	324				Quiet	270	75	159																																																																																																																																																																																																																																																																																																															
		AS*G24LFCA AS*G24LFCC	Cooling	High	1120	311	659																																																																																																																																																																																																																																																																																																																						

Conversion Factor
1 m³/h = 0.2778 l/s = 0.5886 CFM
3.6 m³/h = 1 l/s
1.699 m³/h = 1 CFM

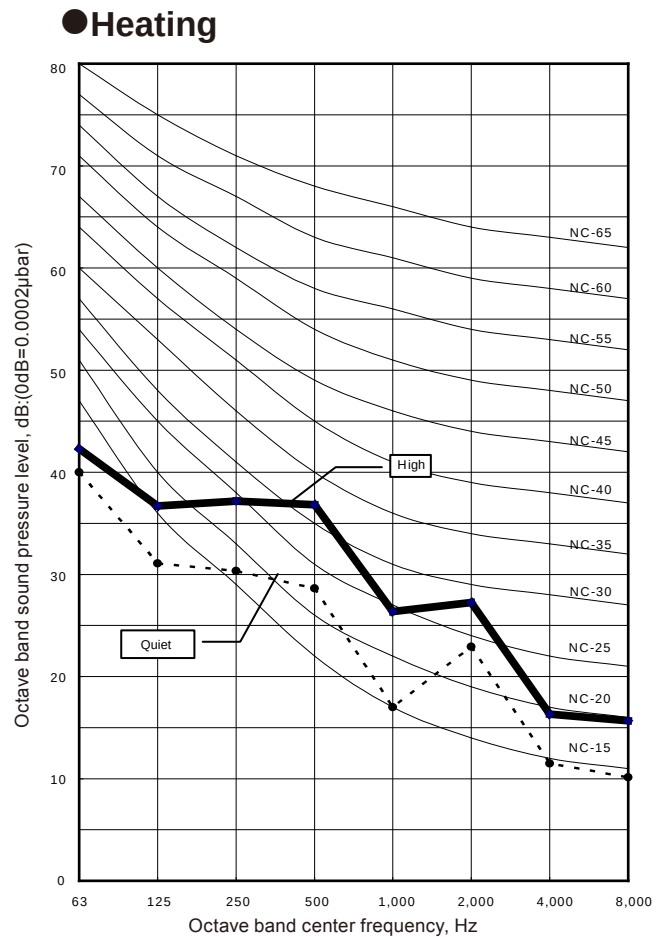
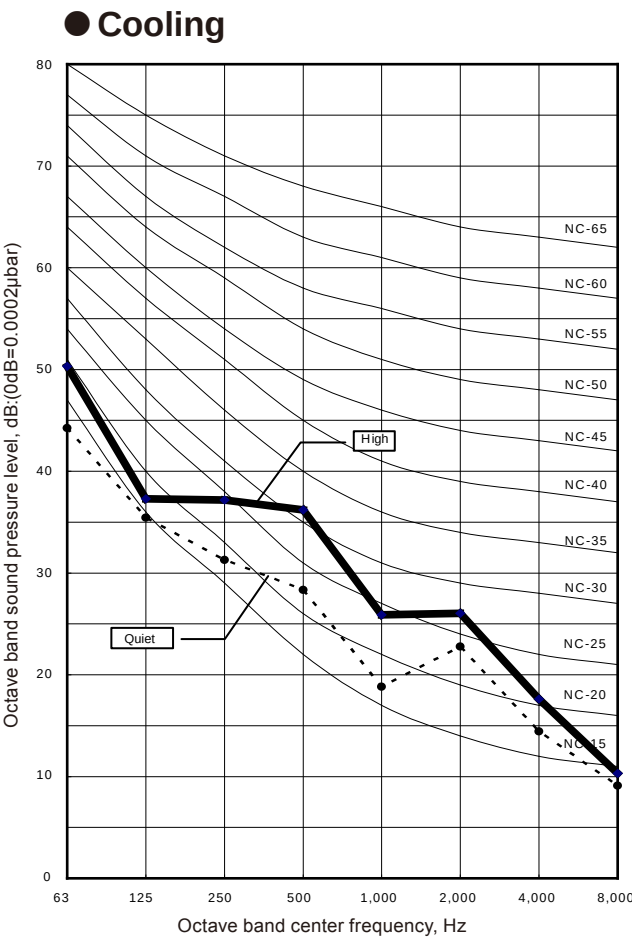
9. NOISE LEVEL CURVE

9-1. COMPACT CASSETTE TYPE

■ MODEL : AU*G07LVLA

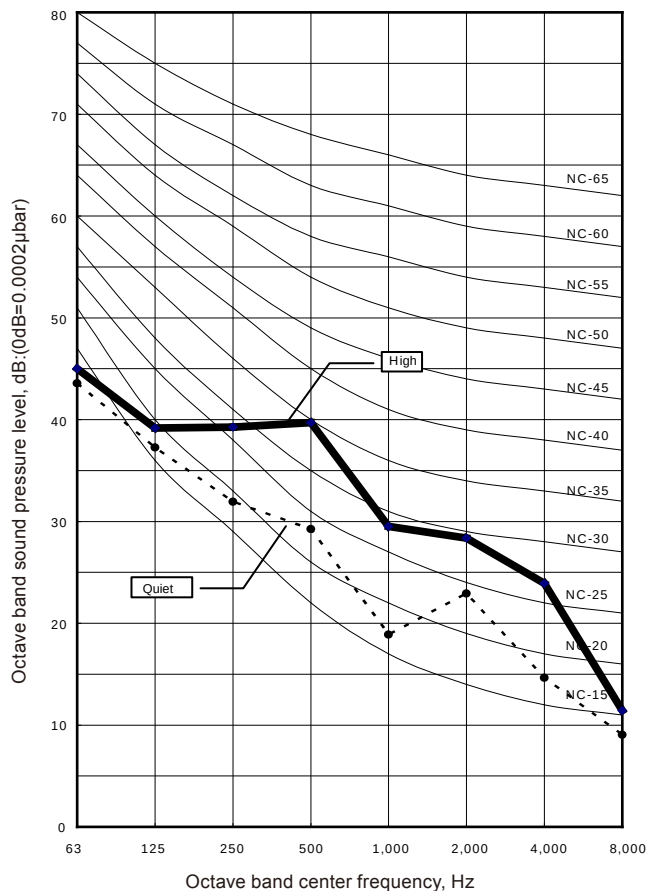


■ MODEL : AU*G09LVLA

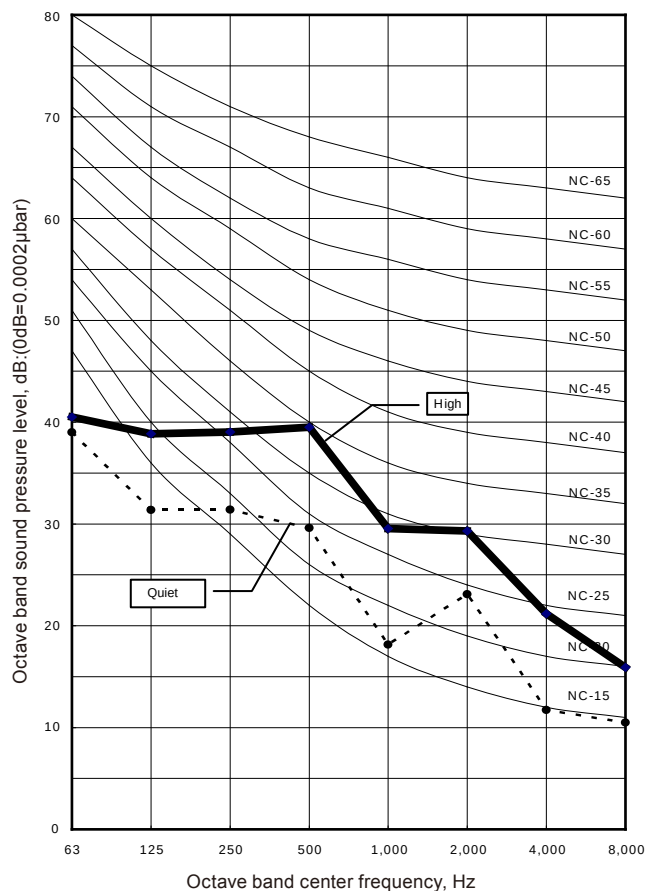


MODELS : AU*G12LVLA, AU*G12LVLB

● Cooling

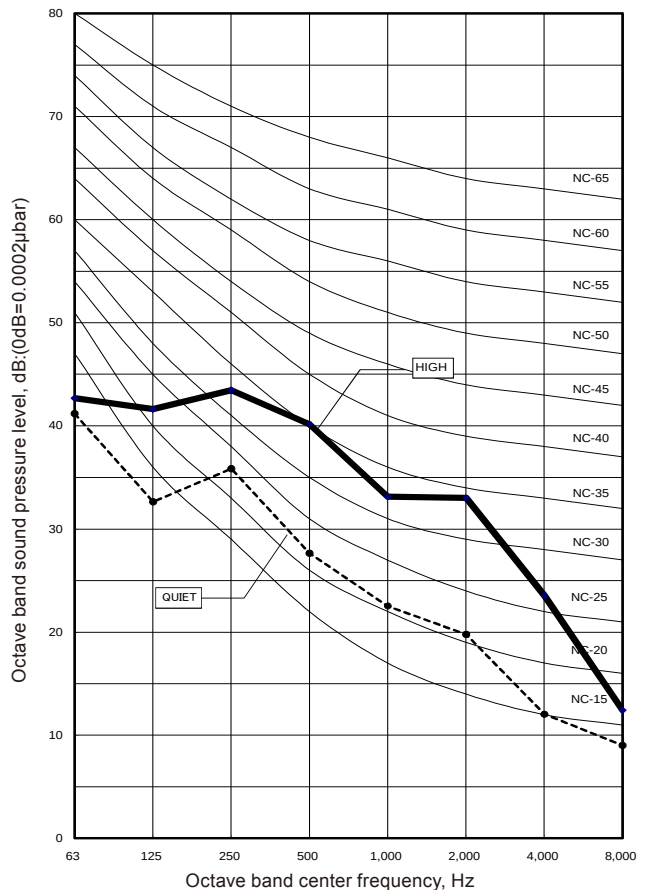


● Heating

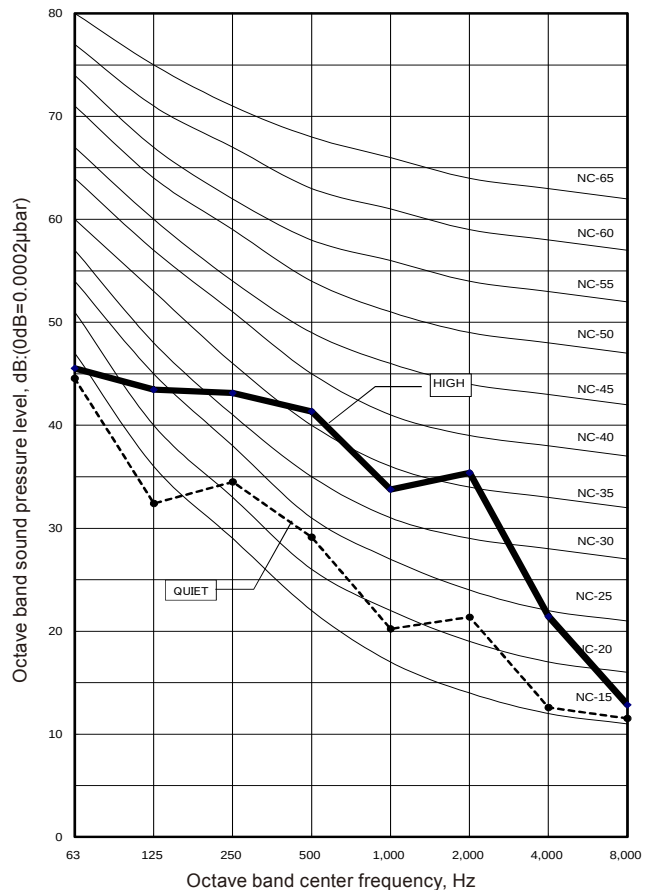


MODELS : AU*G14LVLA, AU*G14LVLB

● Cooling

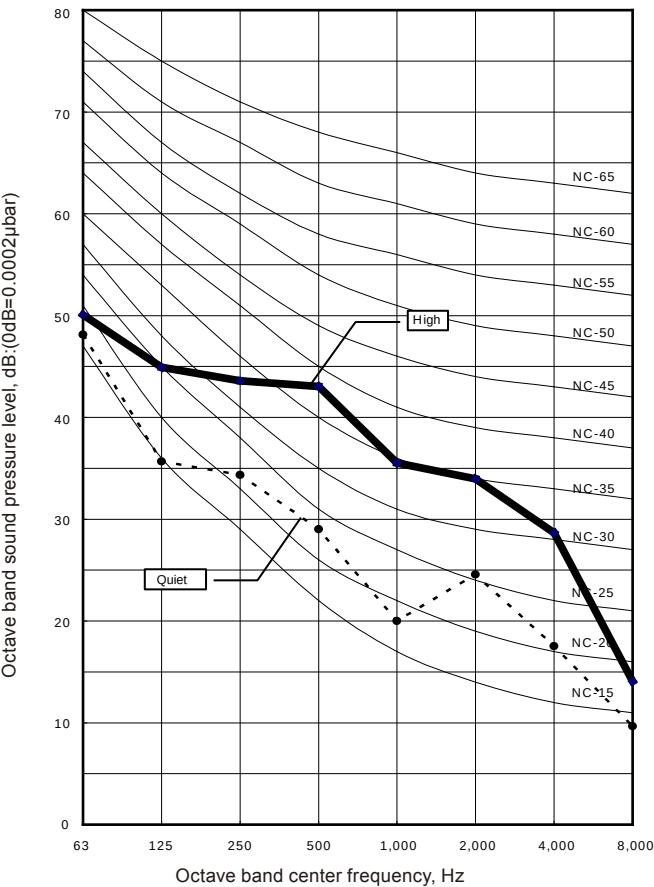


● Heating

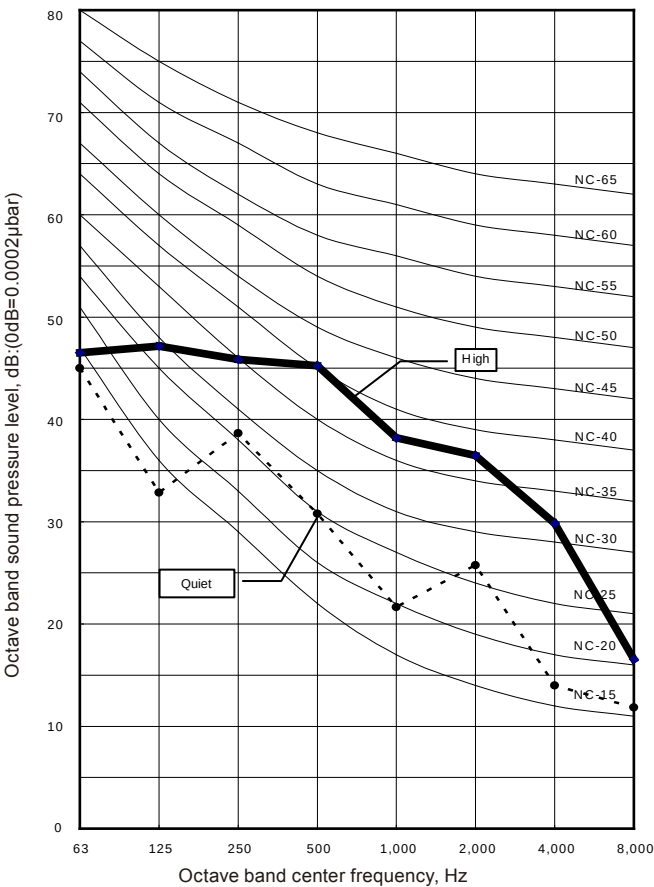


MODELS : AU*G18LVLA, AU*G18LVLB

Cooling



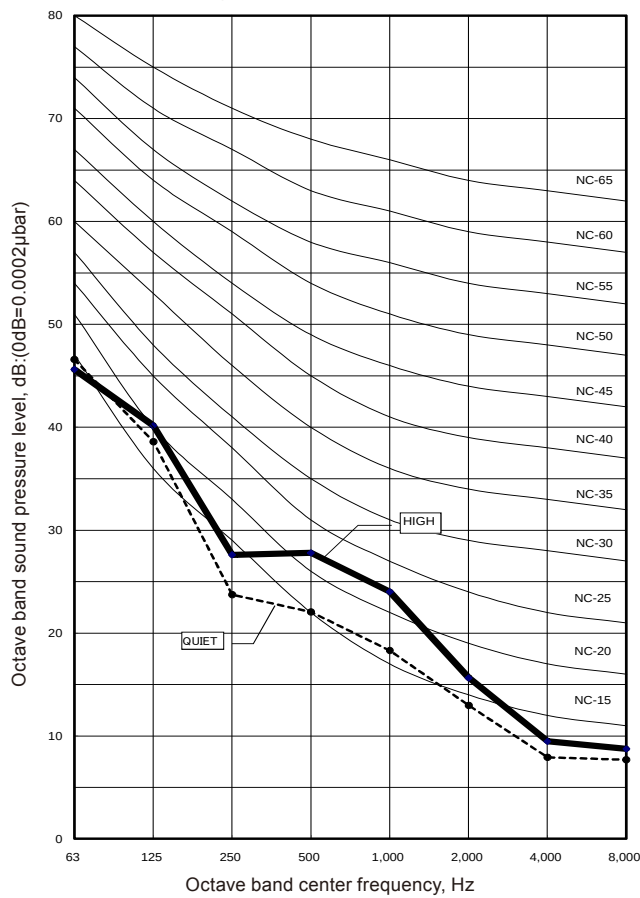
Heating



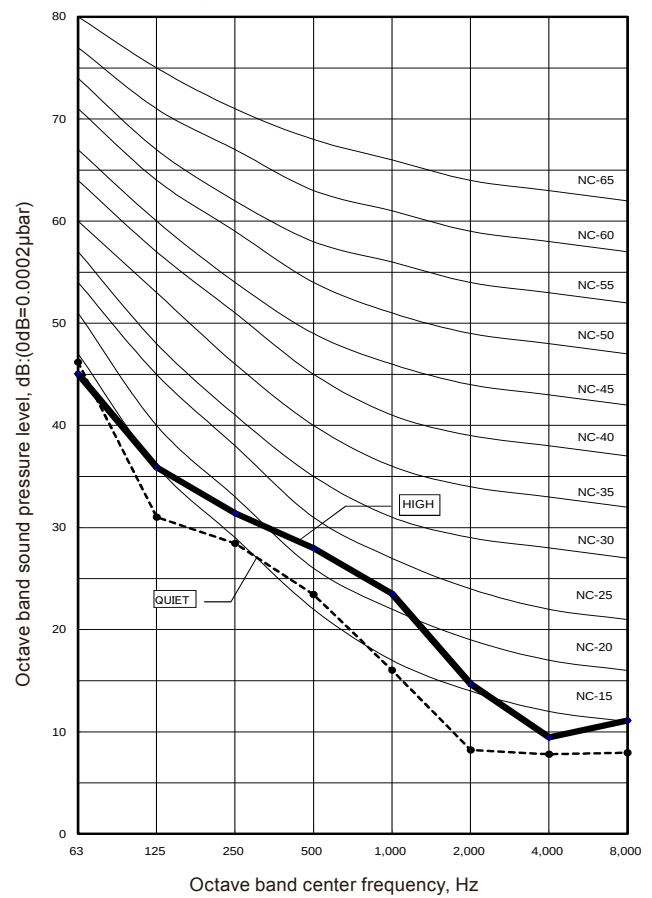
9-2. SLIM DUCT TYPE

■ MODEL : AR*G07LLTA

● Cooling

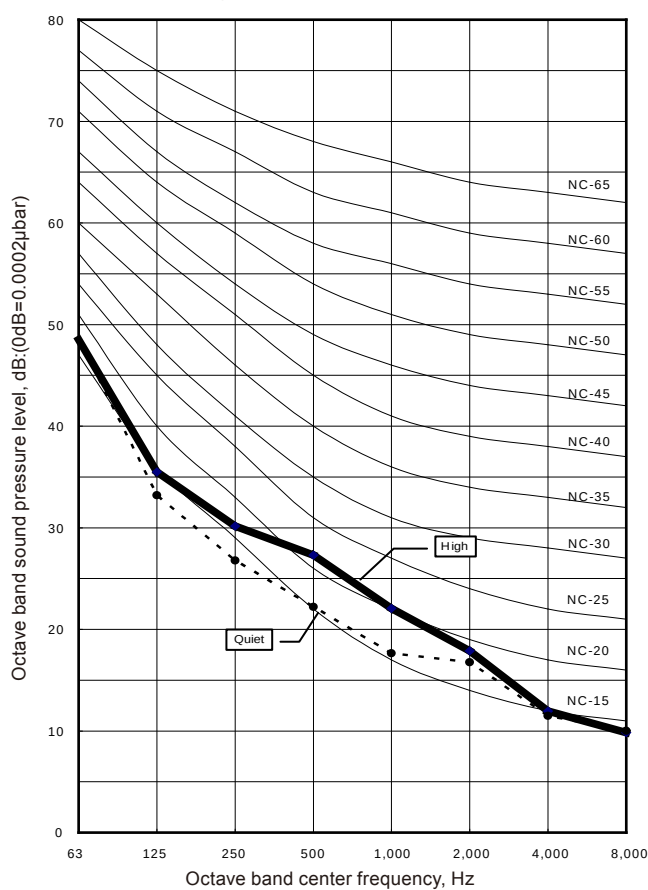


● Heating

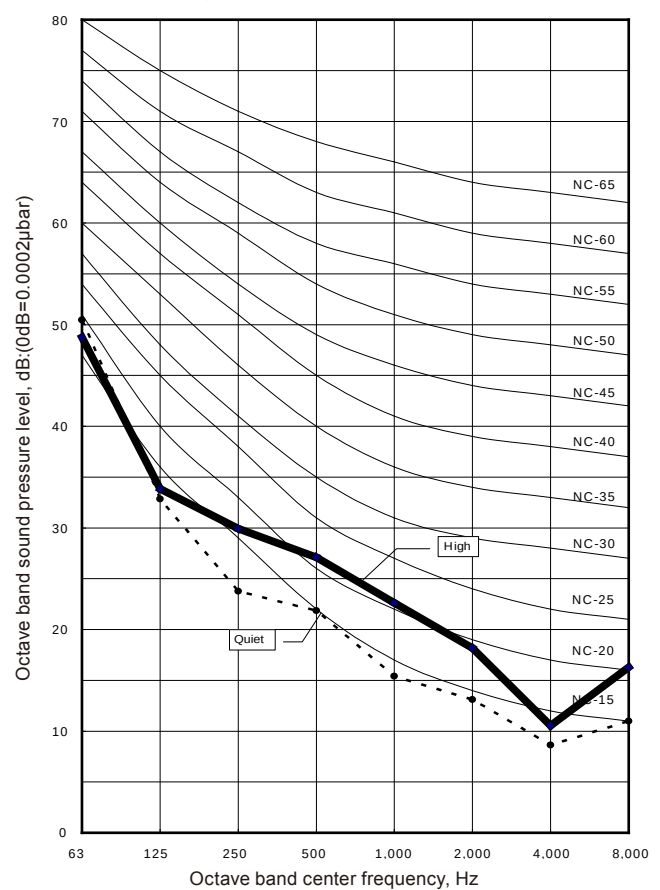


■ MODEL : AR*G09LLTA

● Cooling

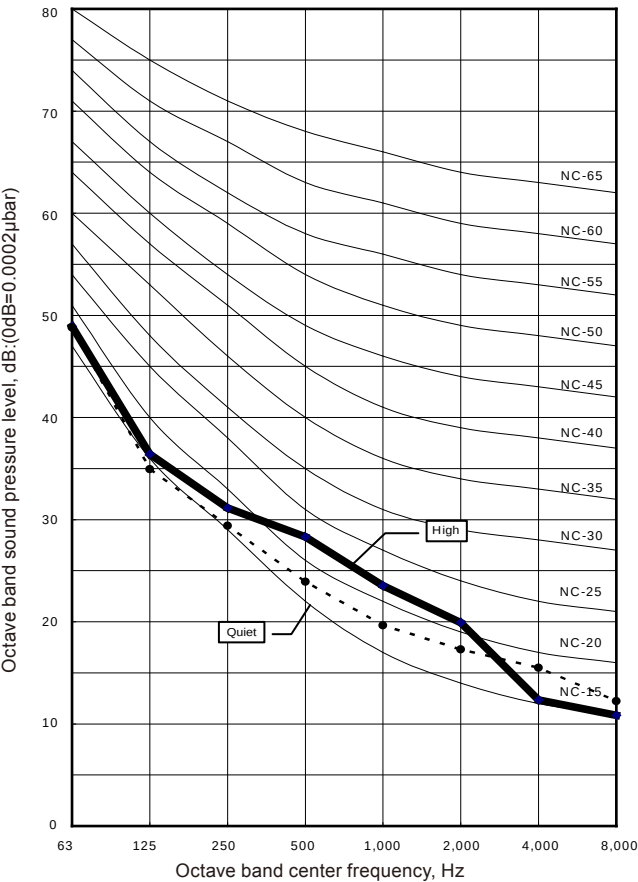


● Heating

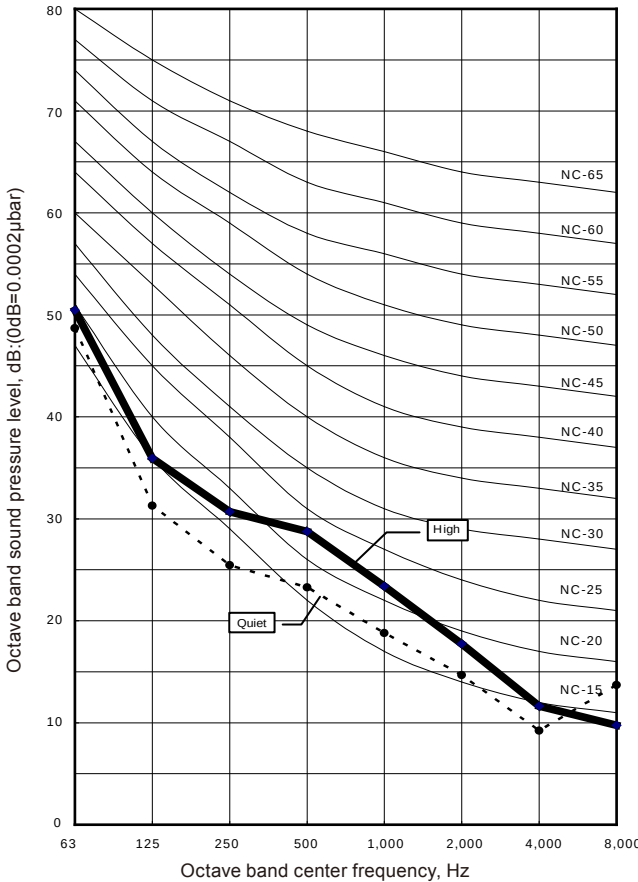


MODELS : AR*G12LLTA, AR*G12LLTB

Cooling

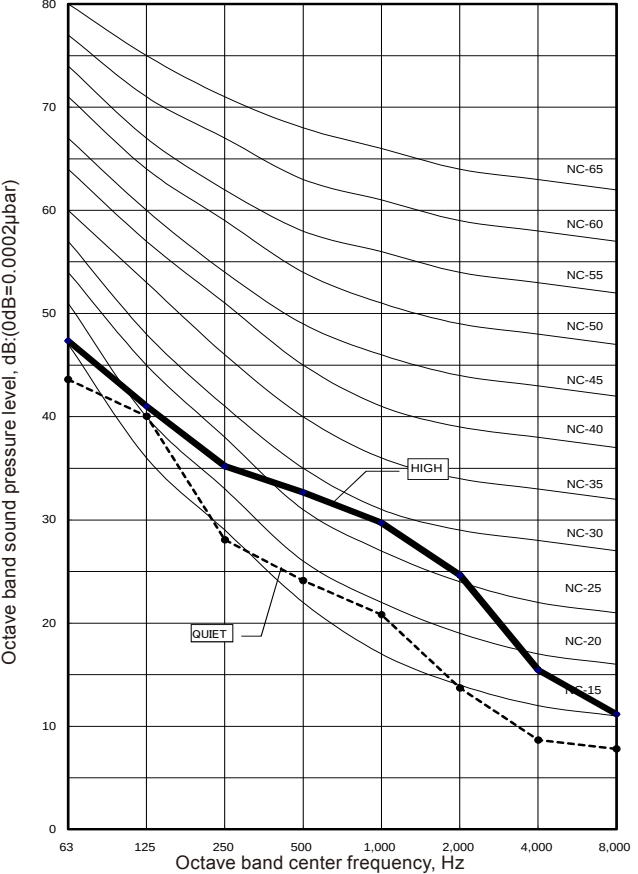


Heating

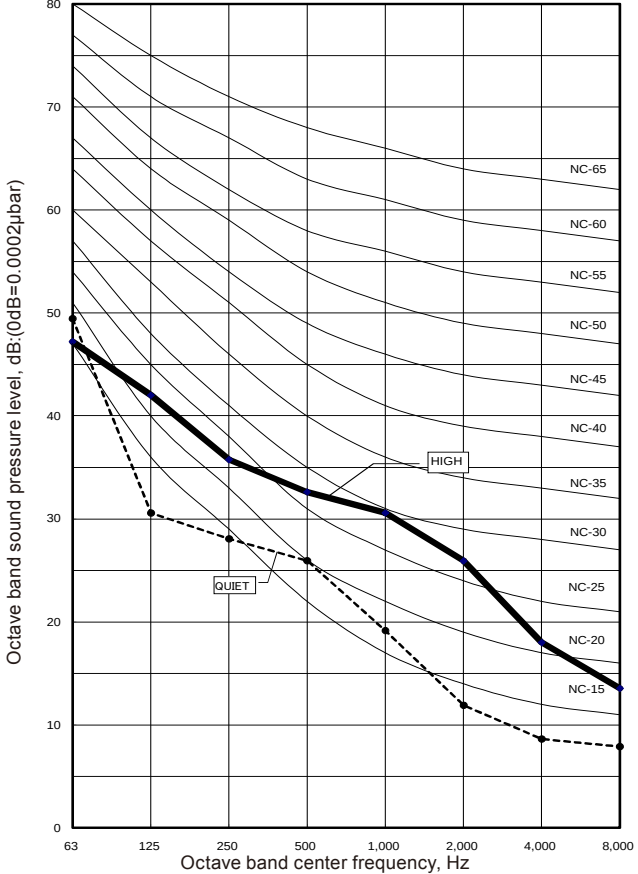


MODELS : AR*G14LLTA, AR*G14LLTB

Cooling

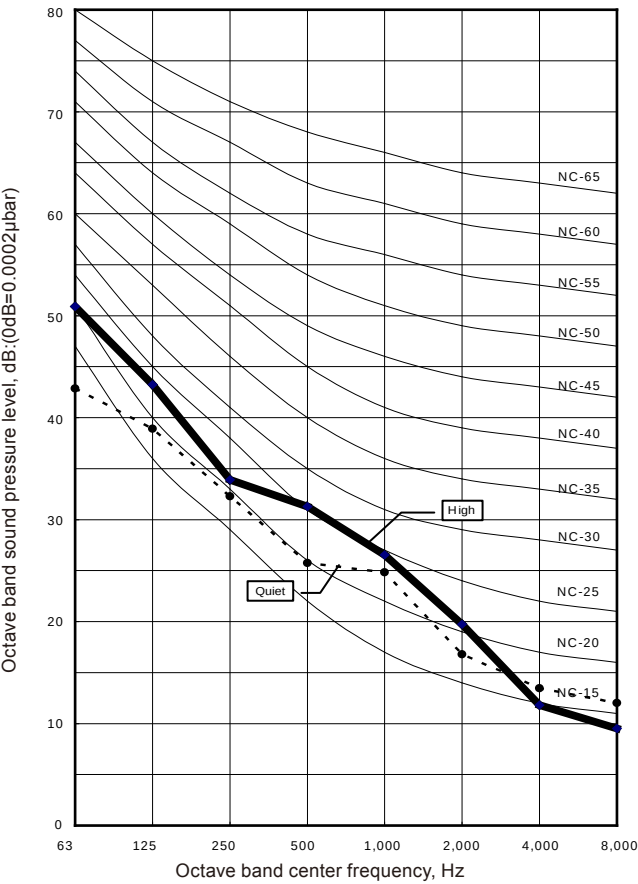


Heating

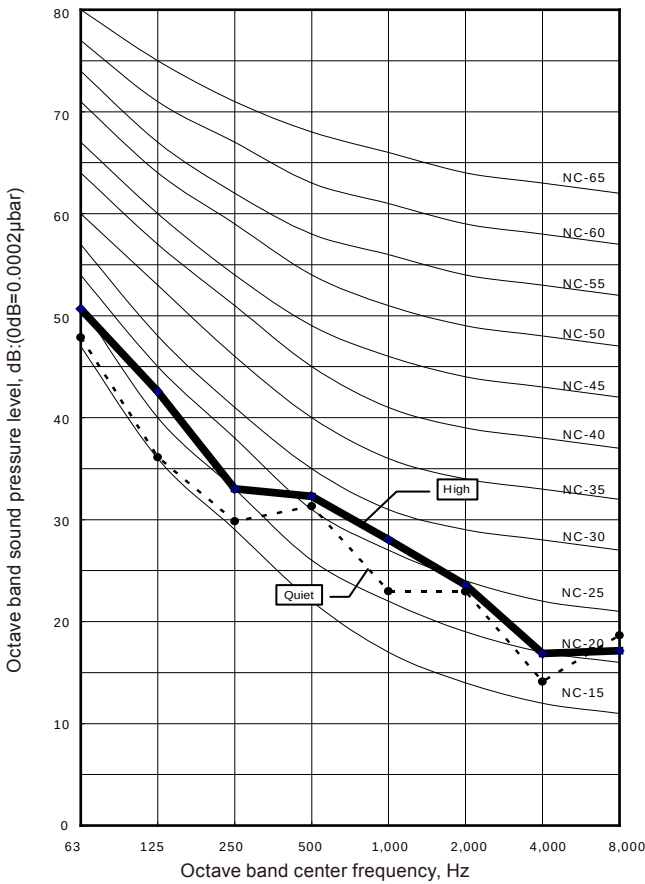


MODELS : AR*G18LLTA, AR*G18LLTB

● Cooling



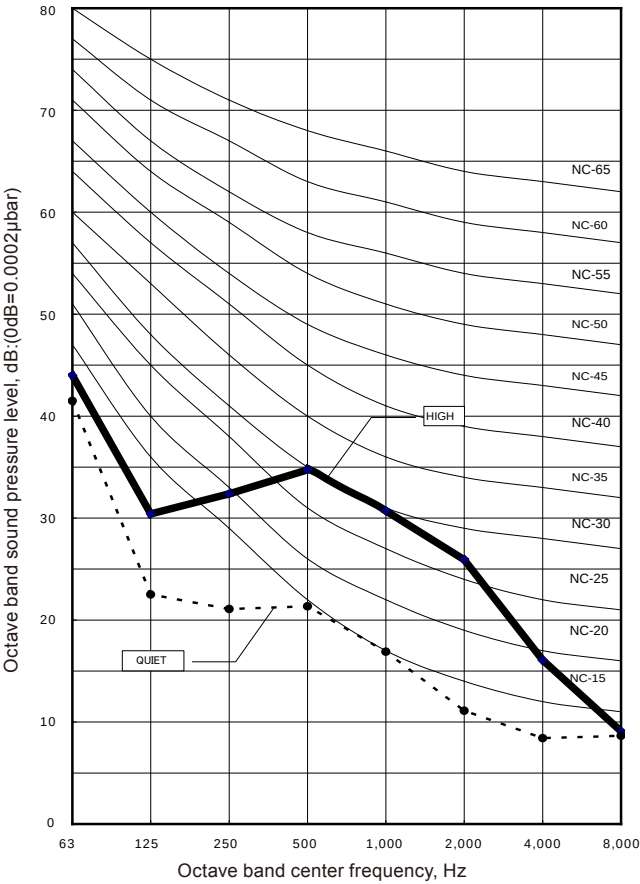
● Heating



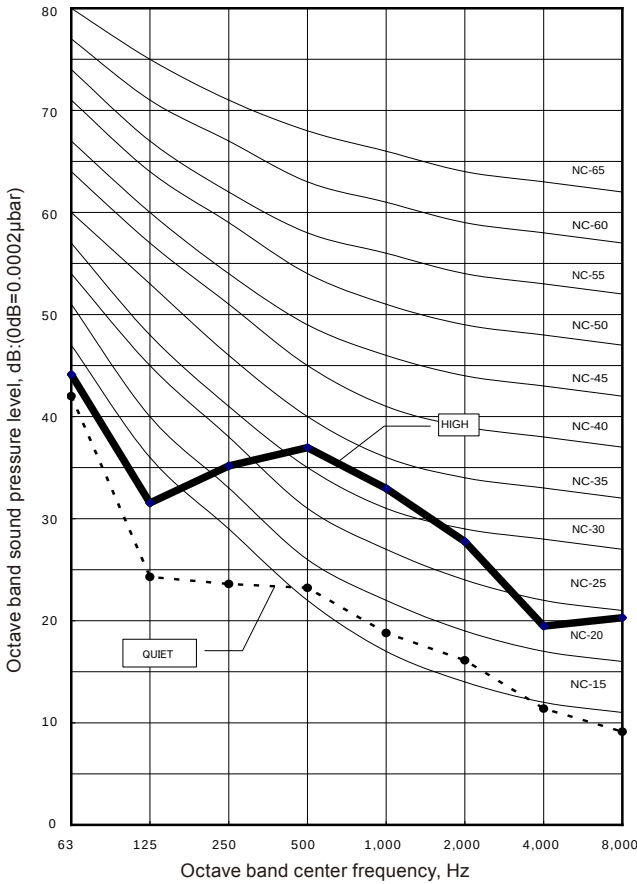
9-3. WALL MOUNTED TYPE

■ MODEL : AS*G07LJCA

● Cooling

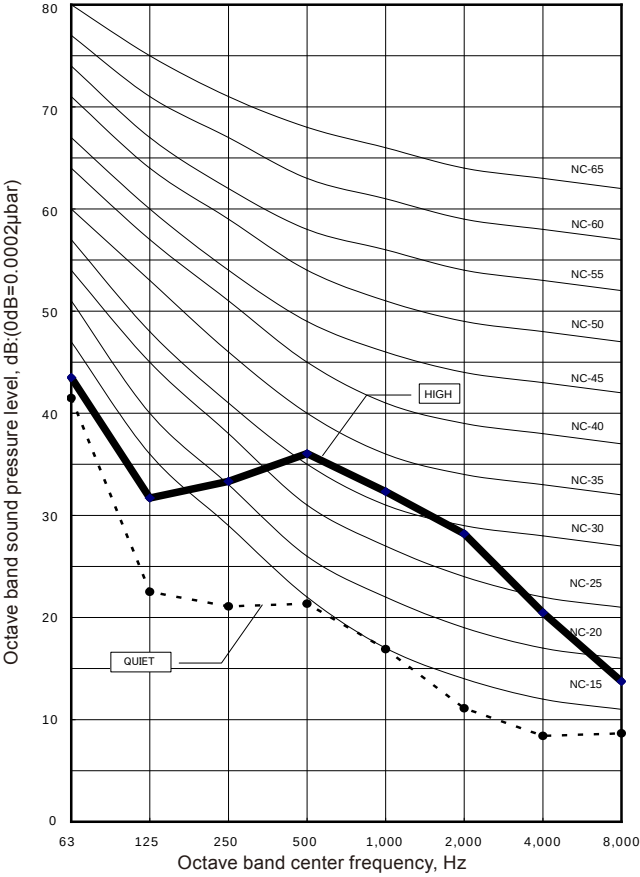


● Heating

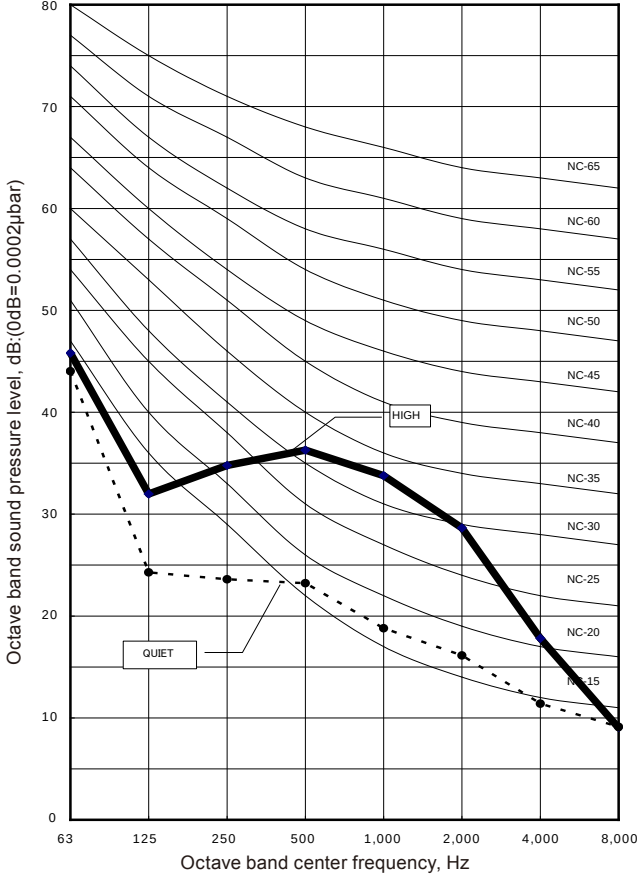


■ MODEL : AS*G09LJCA

● Cooling

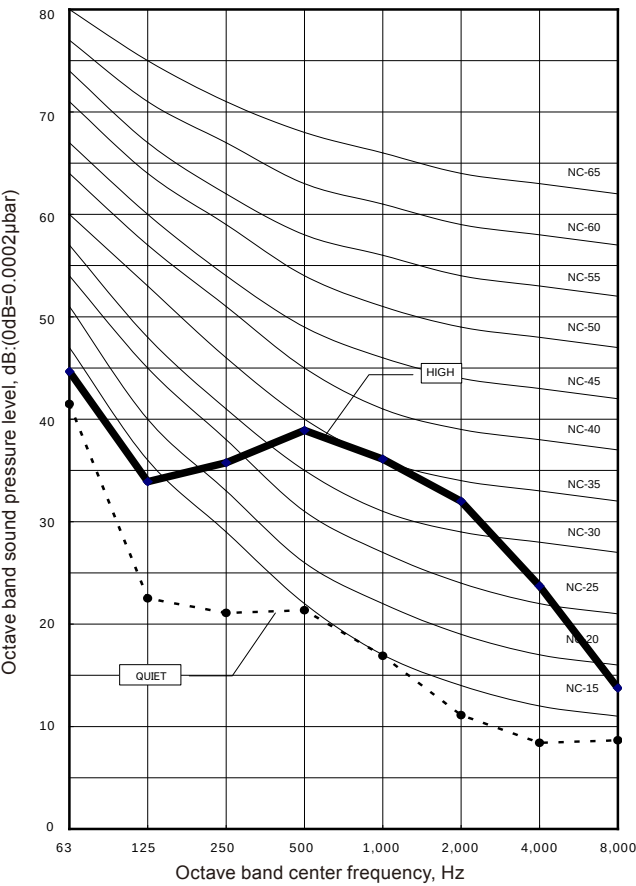


● Heating

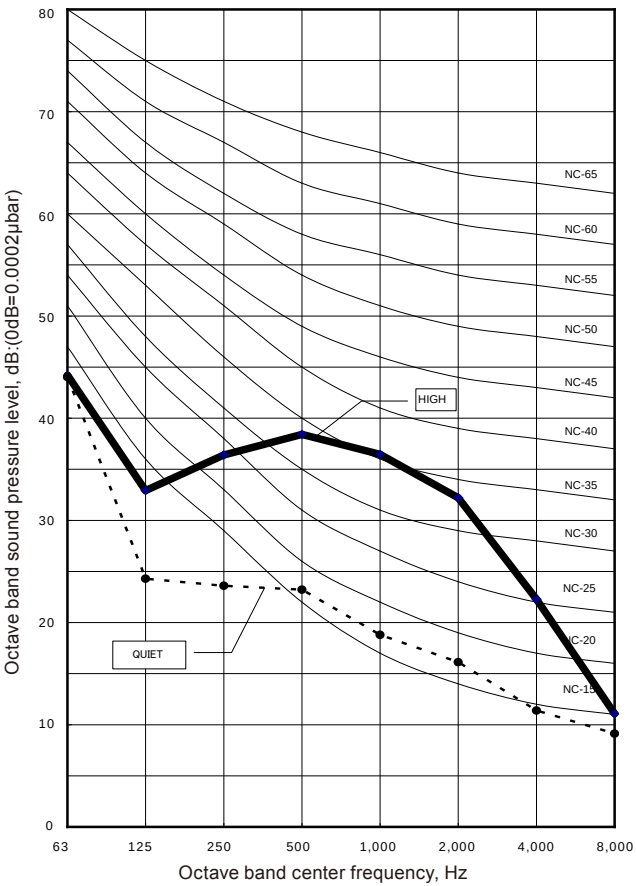


MODEL : AS*G12LJCA

Cooling

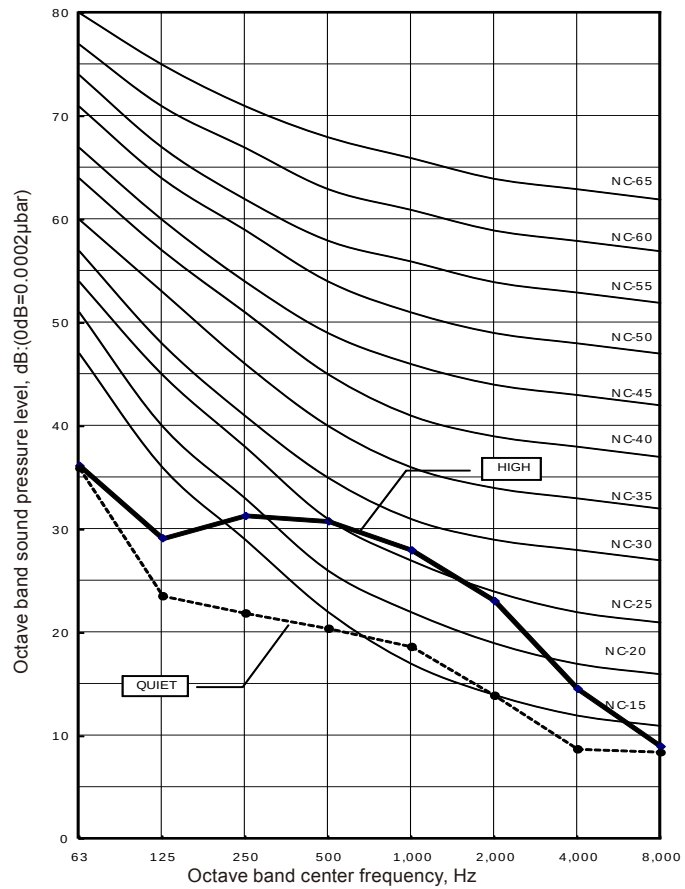


Heating

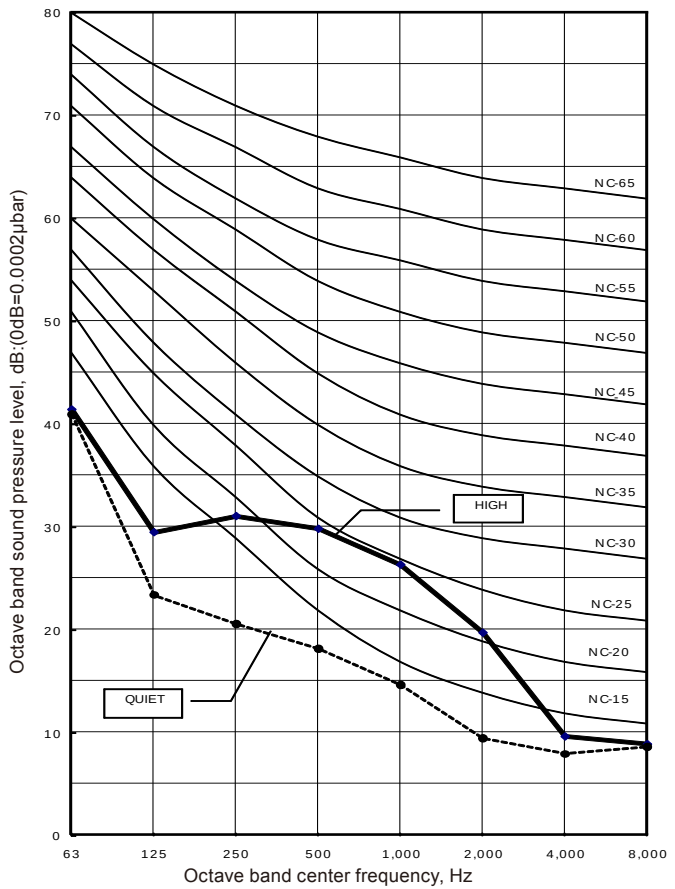


MODEL : AS*G07LUCA

● Cooling

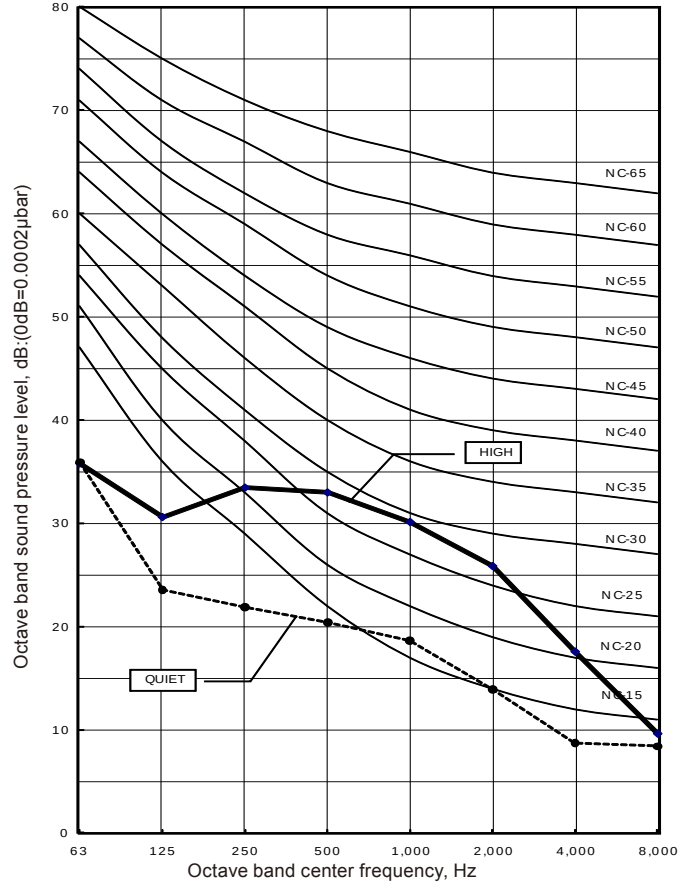


● Heating

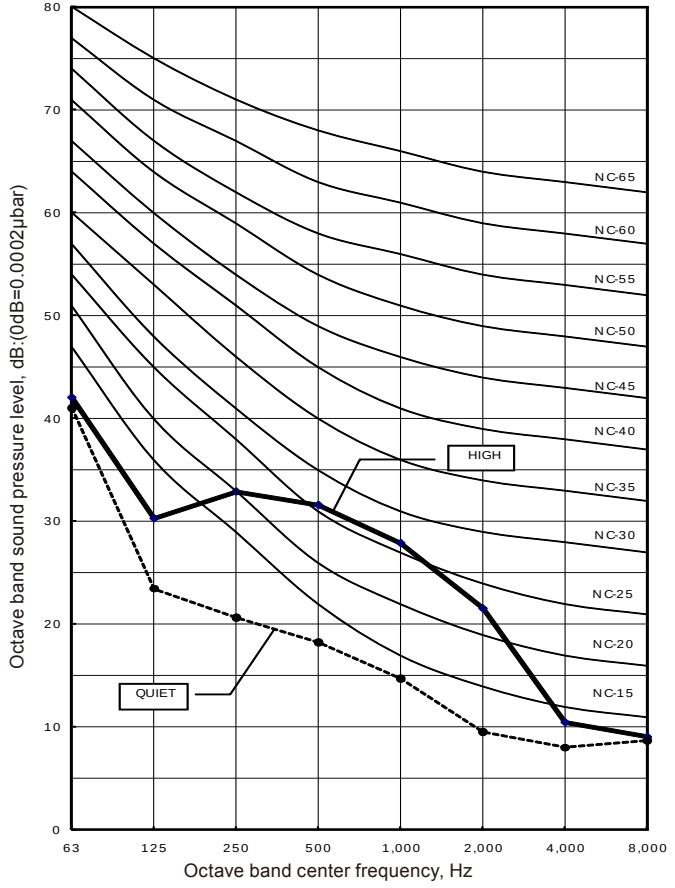


MODEL : AS*G09LUCA

● Cooling

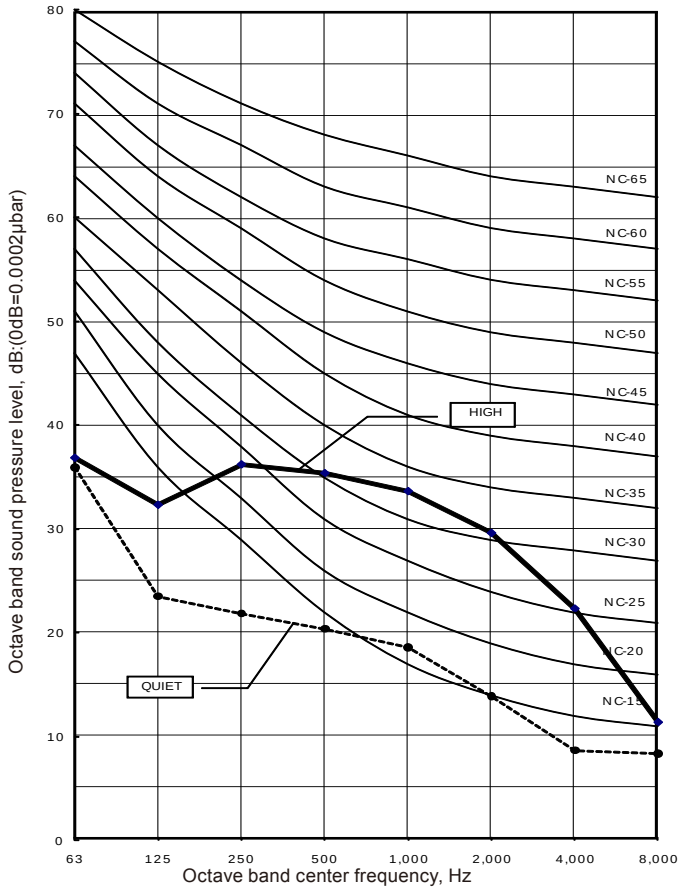


● Heating

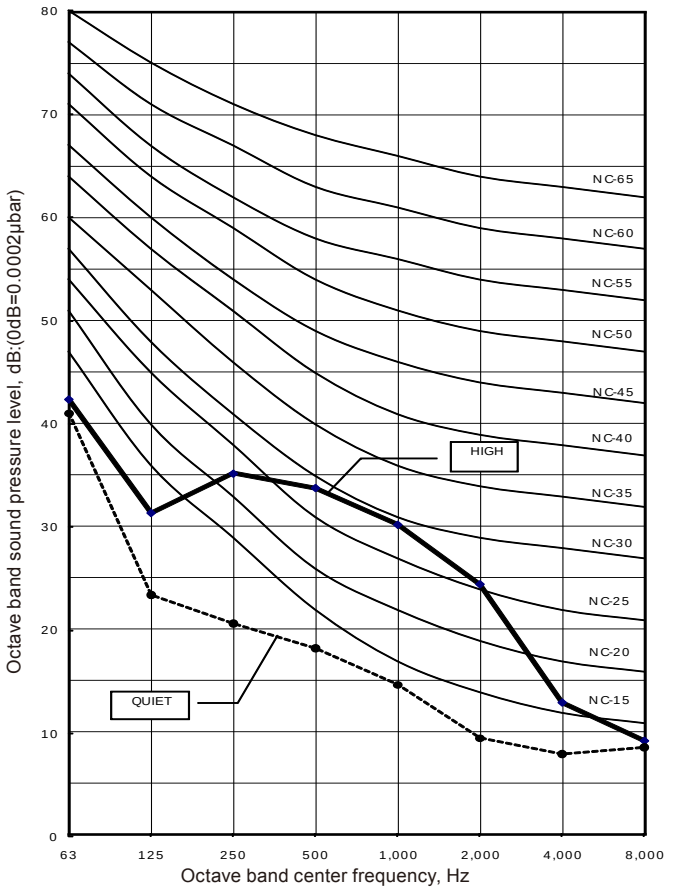


MODEL : AS*G12LUCA

● Cooling

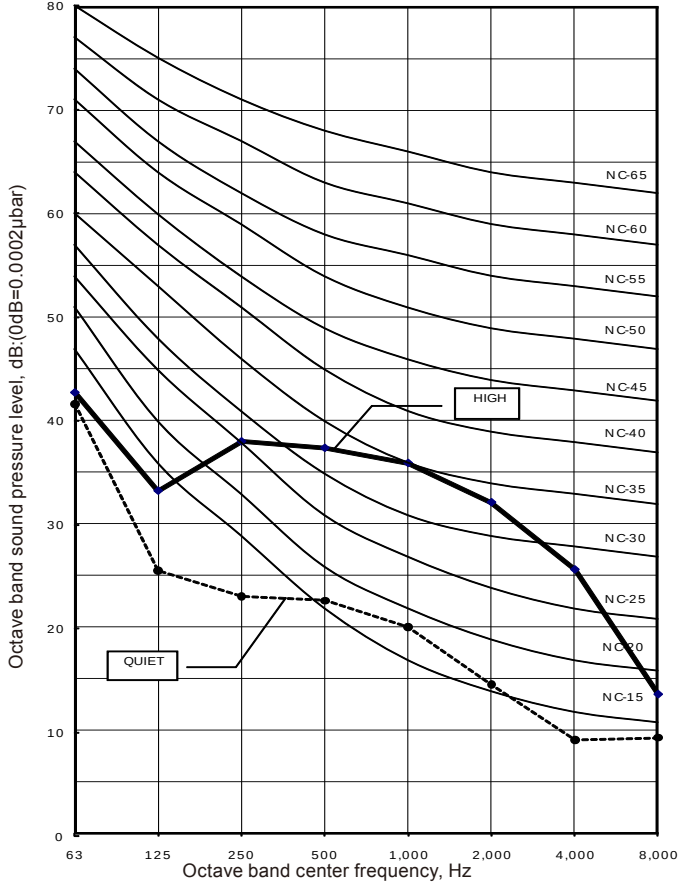


● Heating

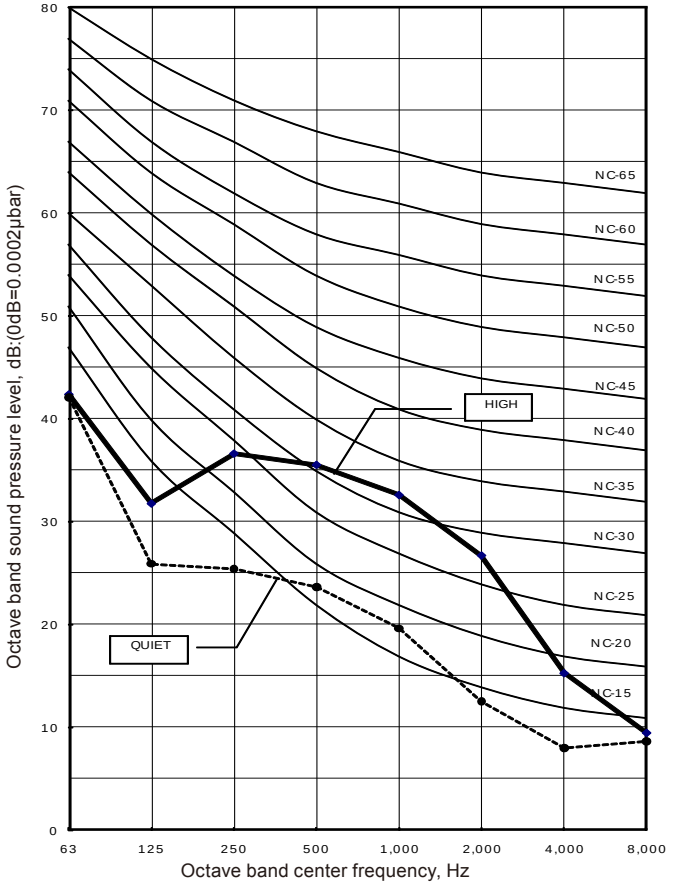


MODEL : AS*G14LUCA

● Cooling

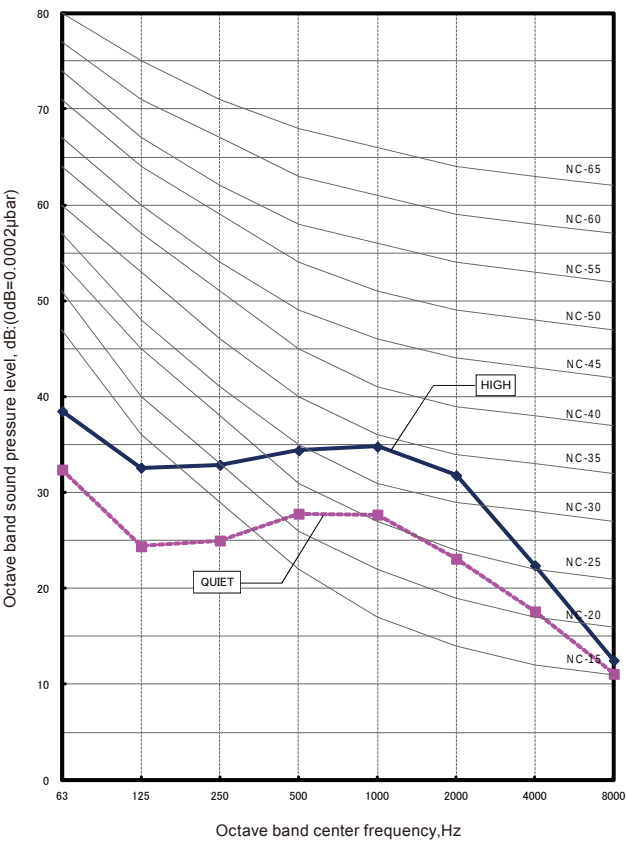


● Heating

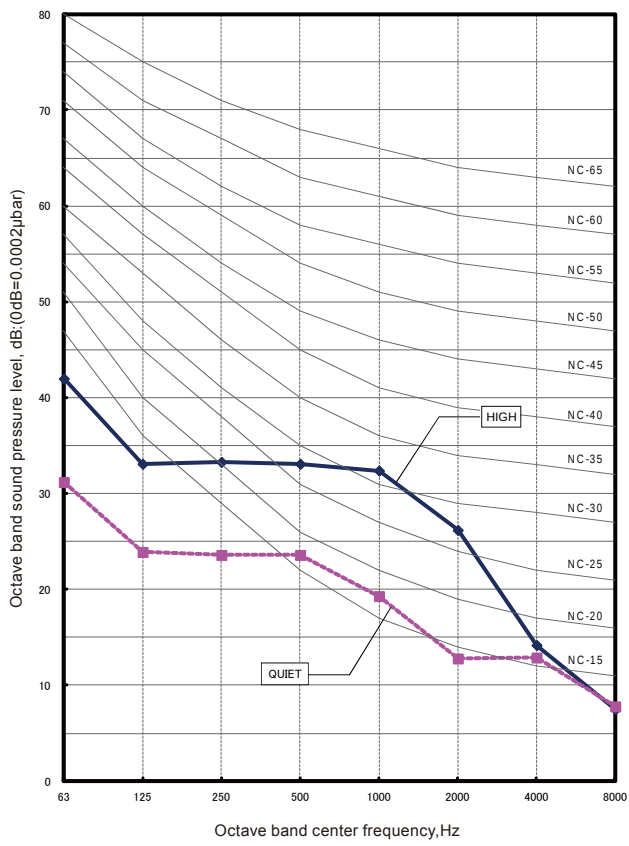


■ **MODEL : AS*G07LMCA**

● **Cooling**

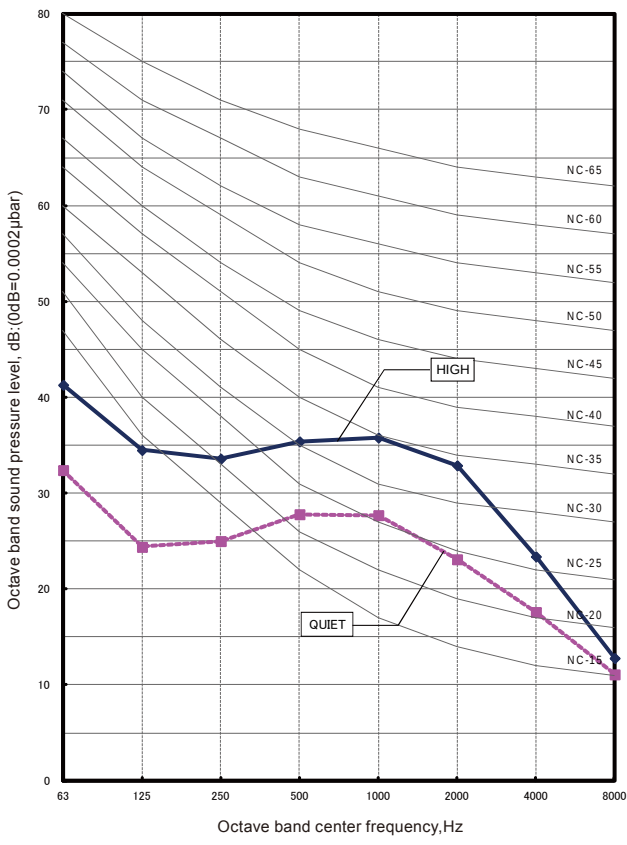


● **Heating**

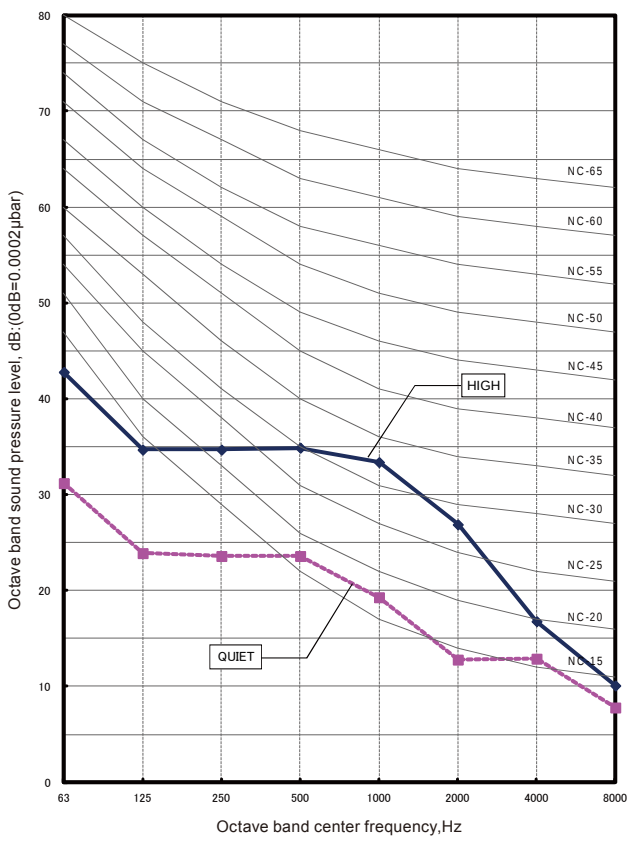


■ **MODEL : AS*G09LMCA**

● **Cooling**

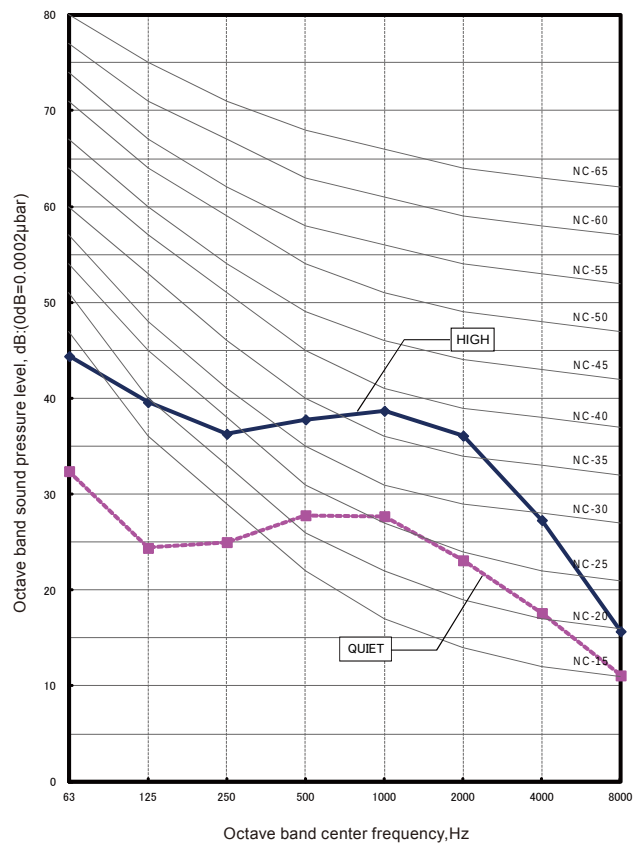


● **Heating**

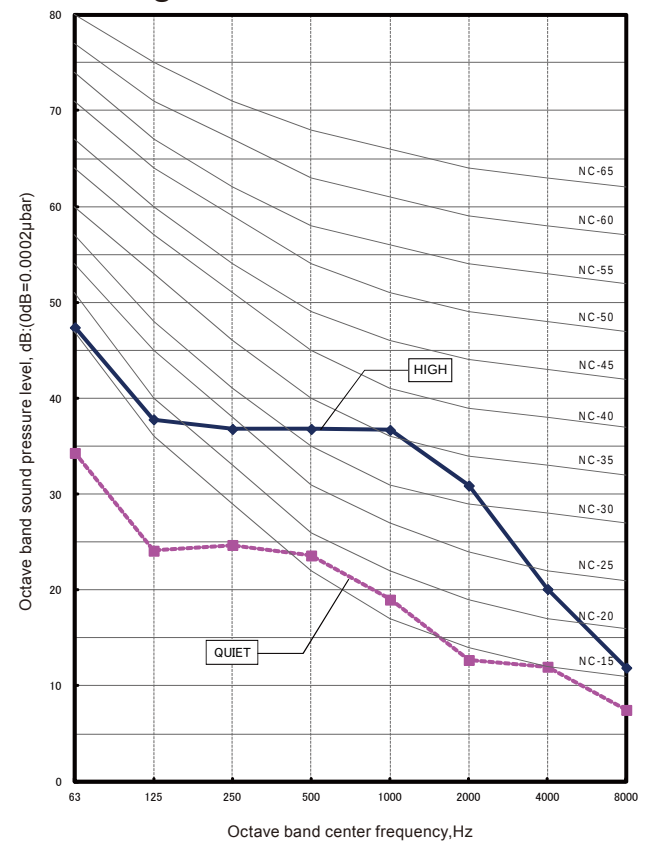


■ **MODEL : AS*G12LMCA**

● **Cooling**

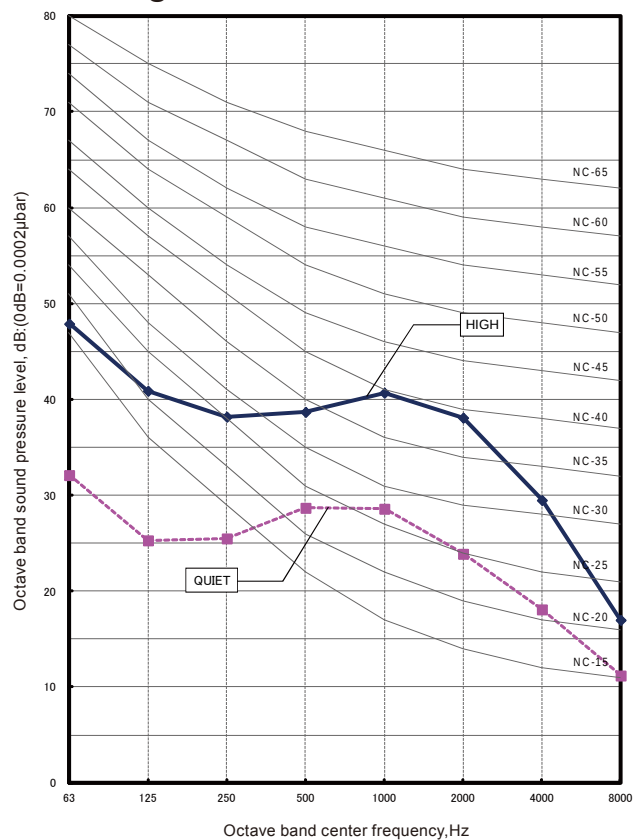


● **Heating**

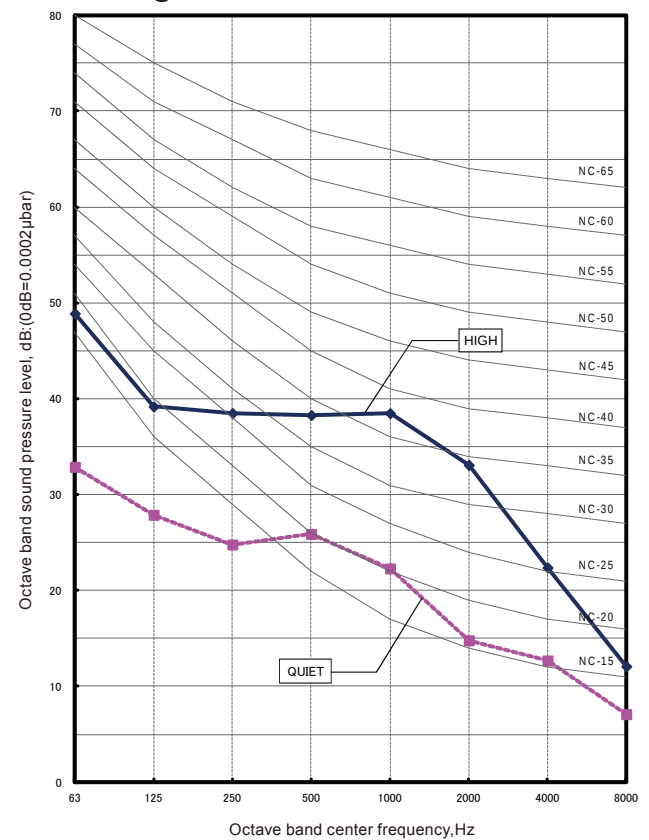


■ **MODEL : AS*G14LMCA**

● **Cooling**

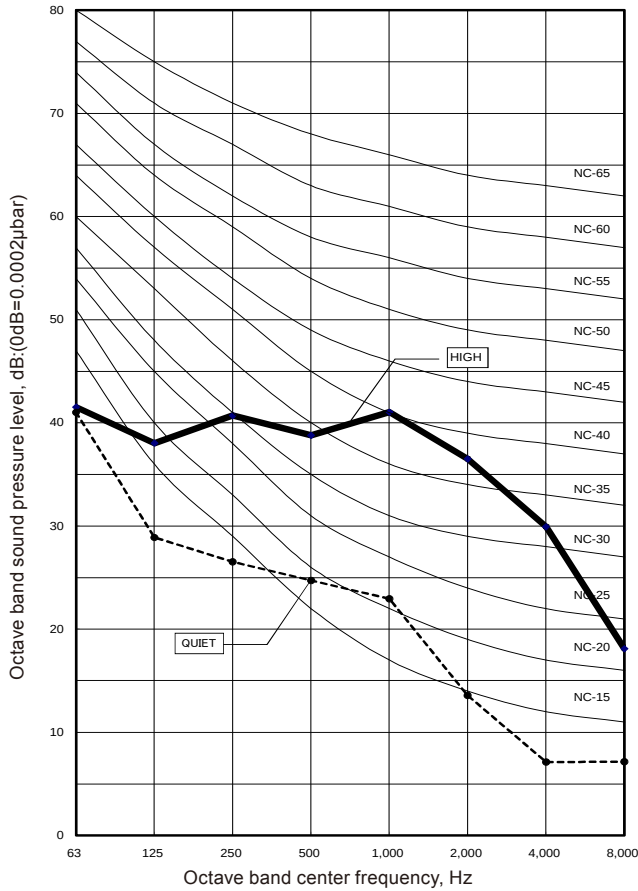


● **Heating**

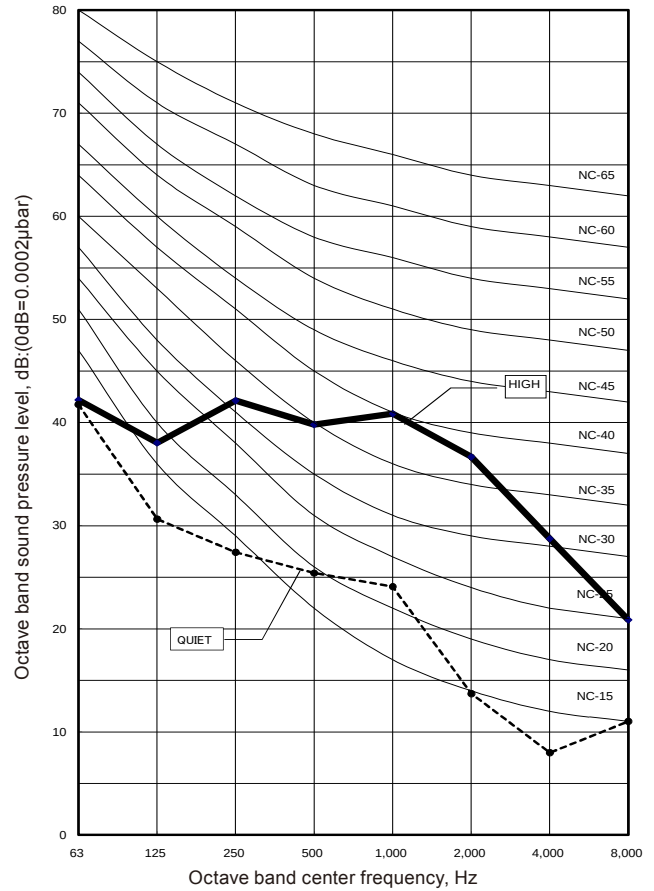


■ **MODEL : AS*G18LFCA**

● **Cooling**

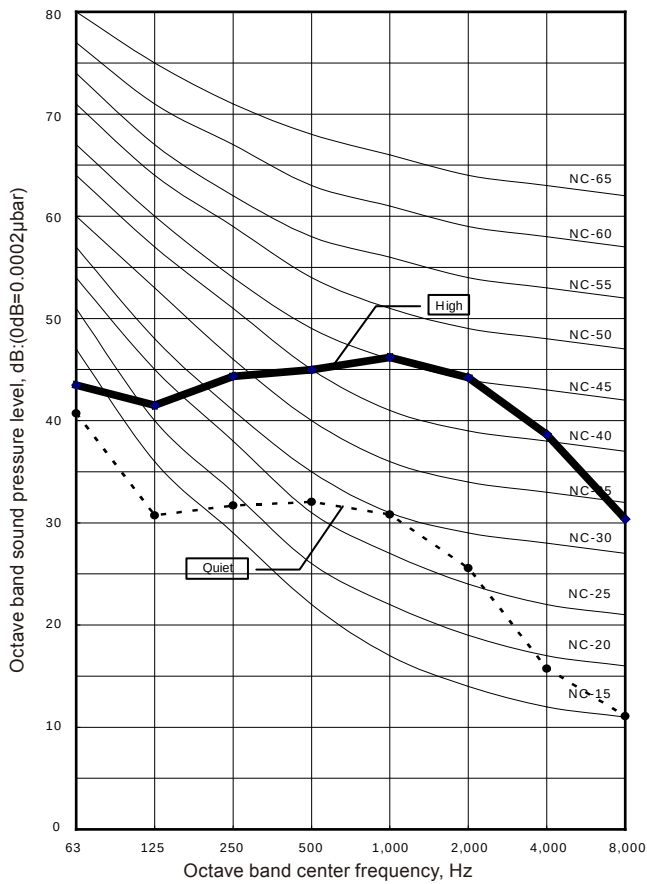


● **Heating**

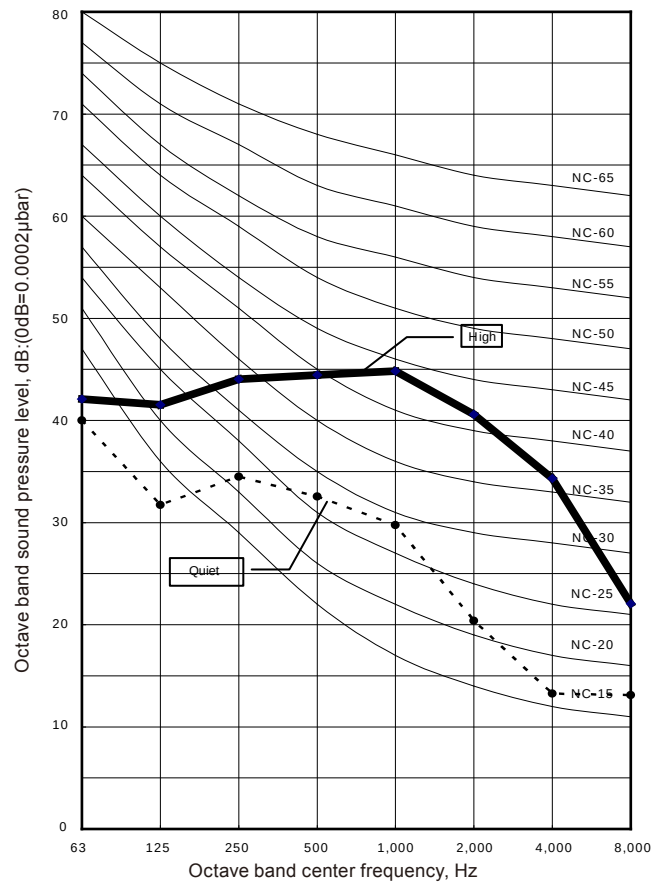


■ **MODELS : AS*G24LFCA, AS*G24LFCC**

● **Cooling**



● **Heating**

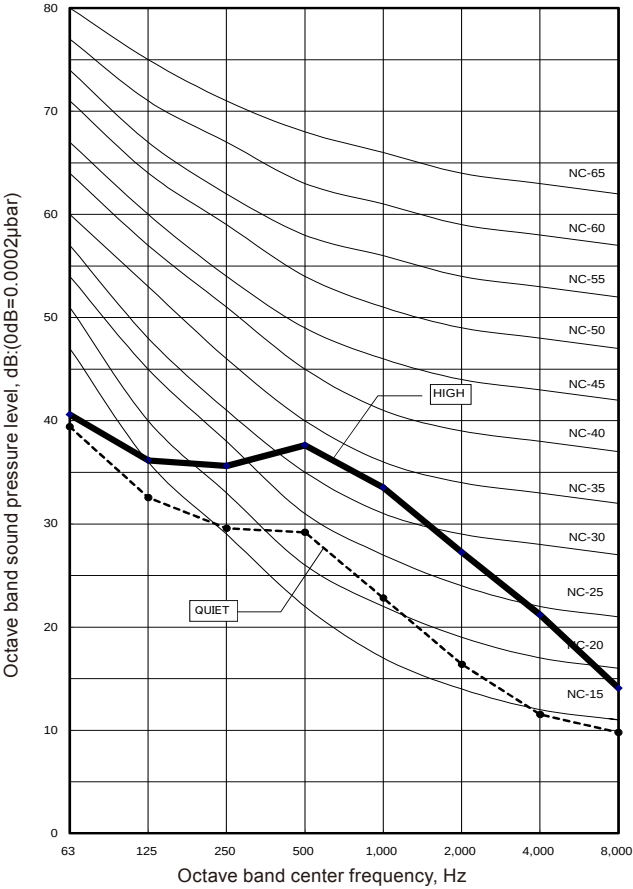


9-4.FLOOR / CEILING TYPE

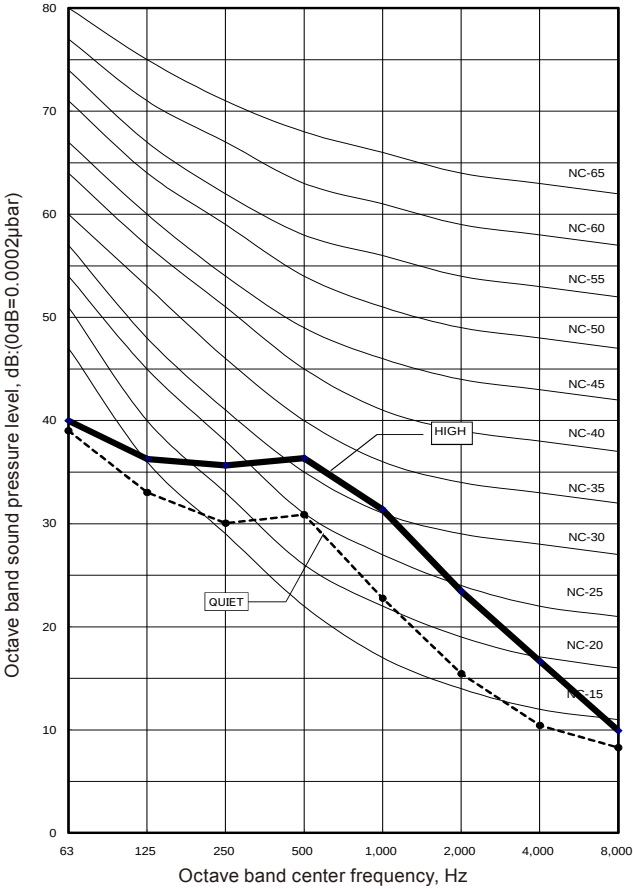
MODEL : AB*G14LVTA

NOTE:
Installation : Under ceiling

Cooling



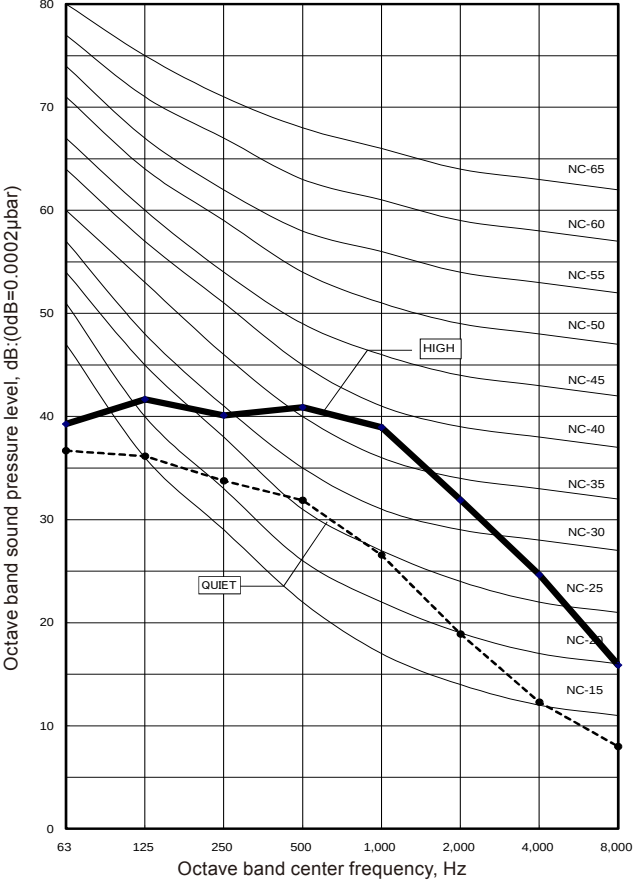
Heating



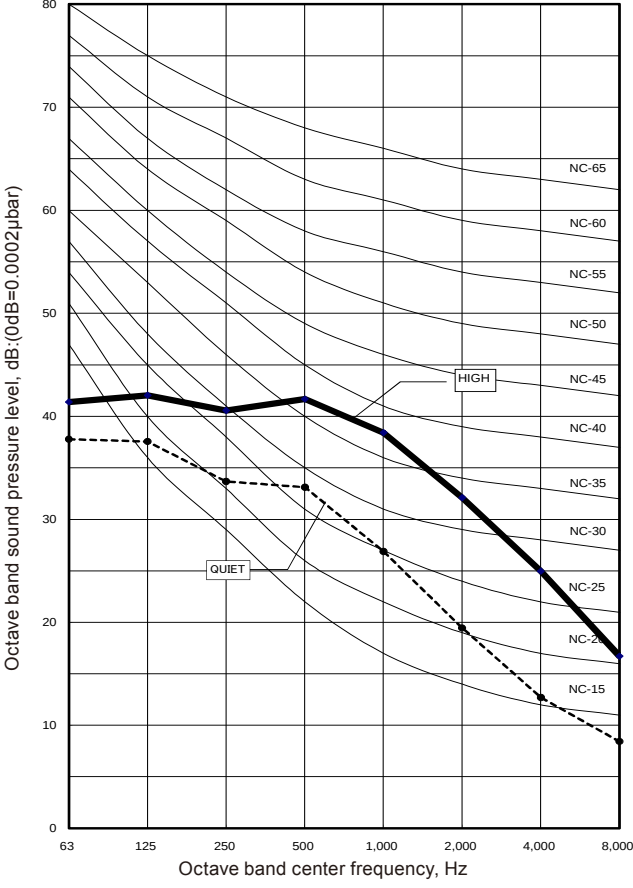
MODELS : AB*G18LVTA, AB*G18LVTB

NOTE:
Installation : Under ceiling

Cooling



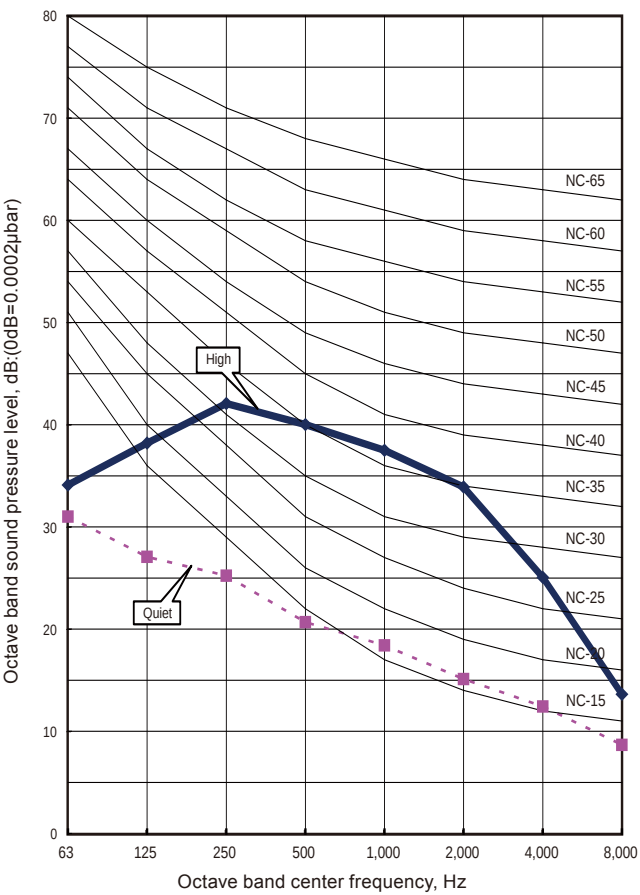
Heating



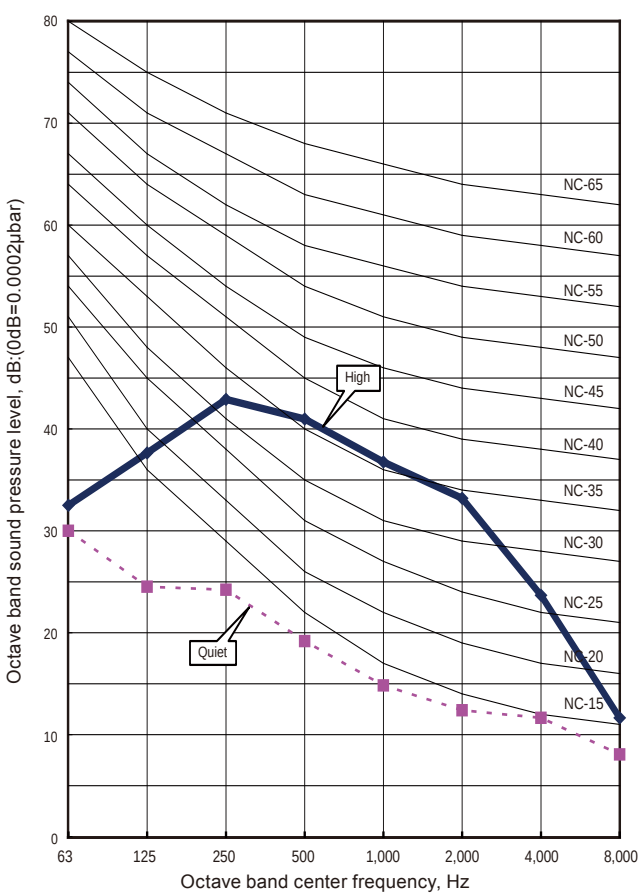
9-5. FLOOR TYPE

■ MODEL : AG*G09LVCA

● Cooling

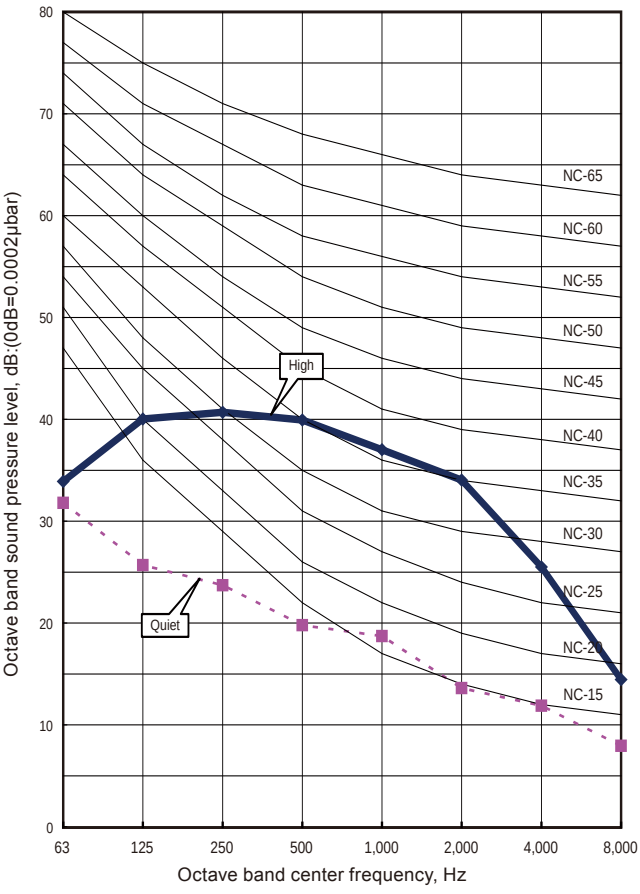


● Heating

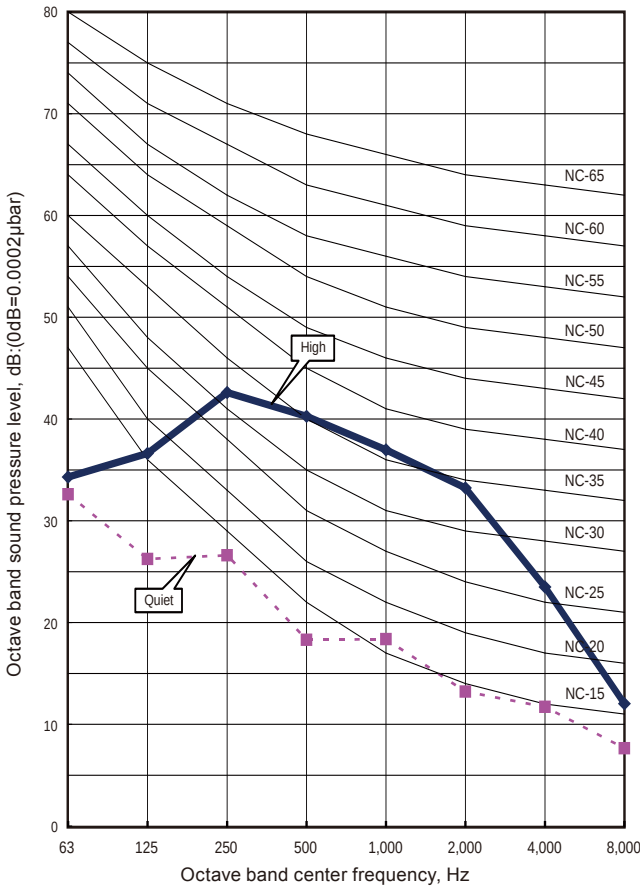


■ MODEL : AG*G12LVCA

● Cooling

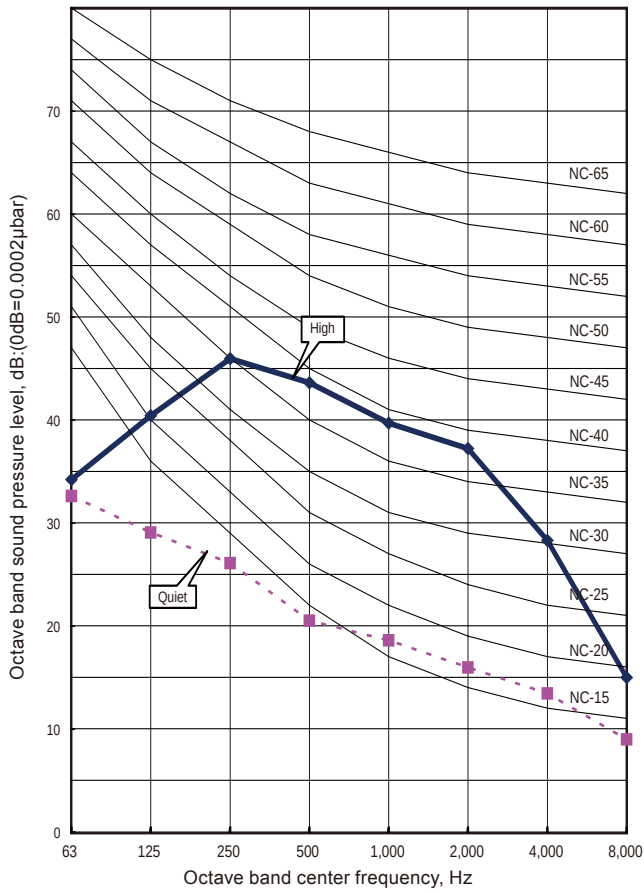


● Heating

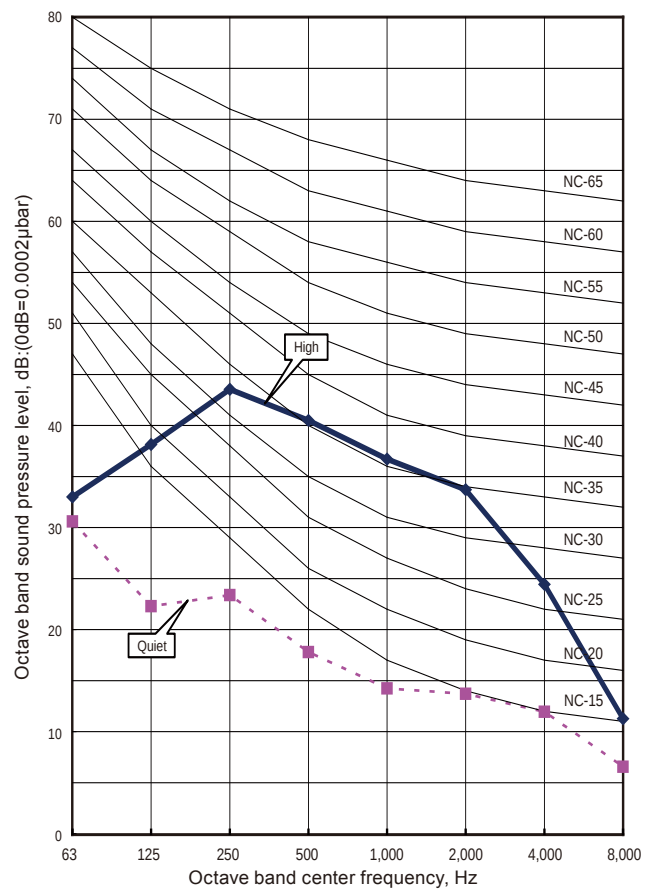


MODEL : AG*G14LVCA

● Cooling

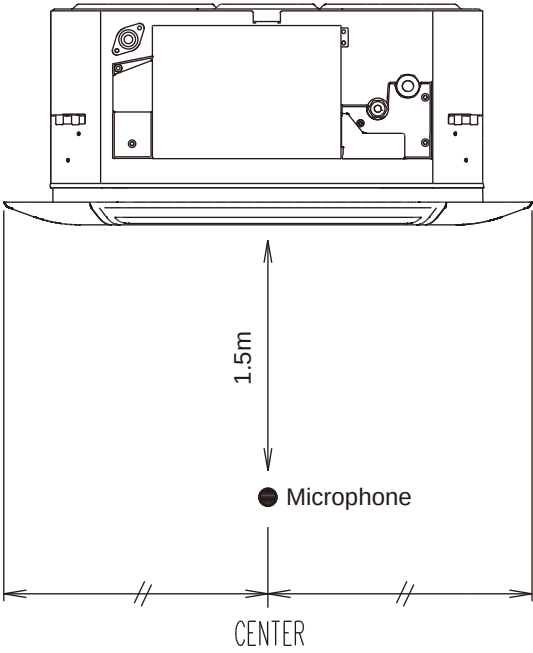
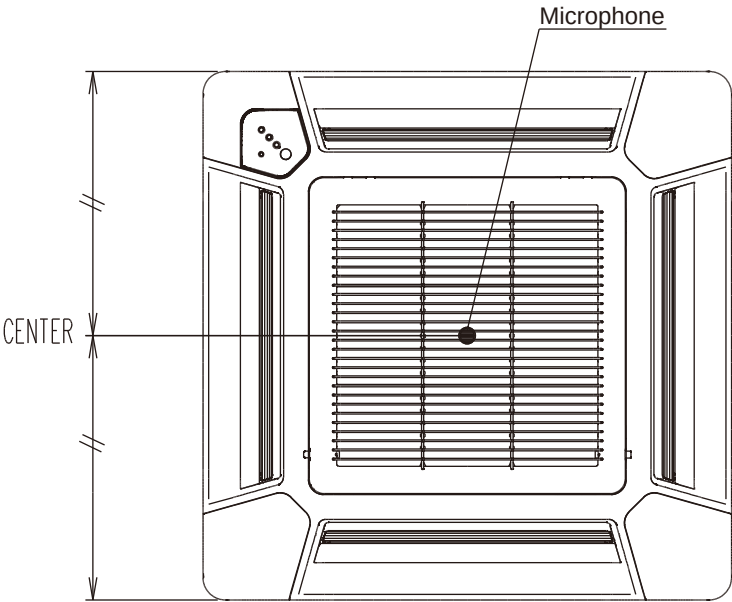


● Heating

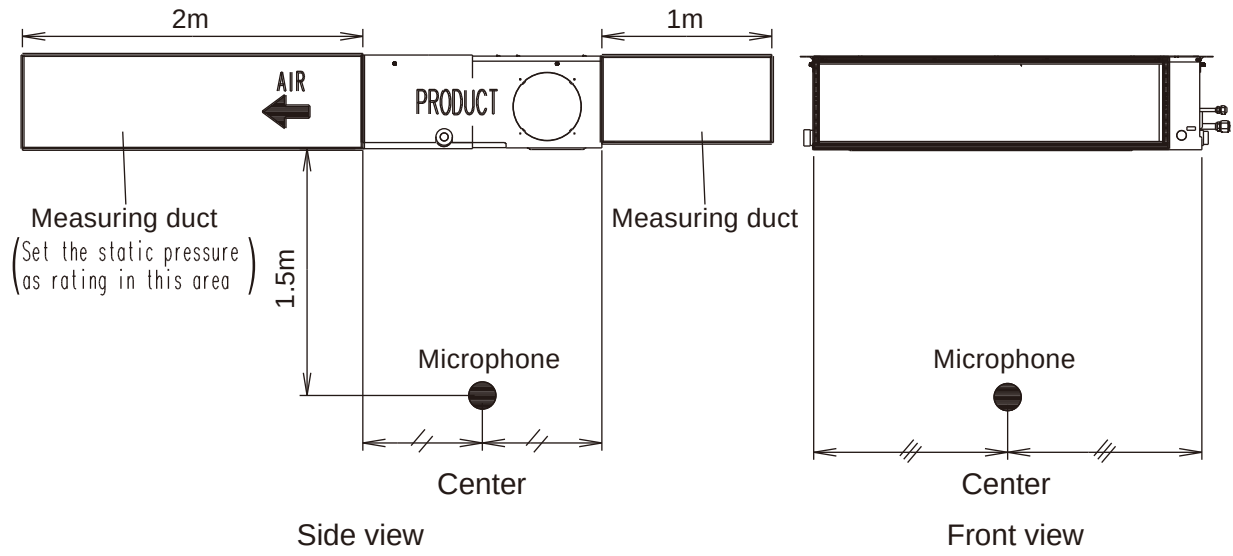


9-6. SOUND LEVEL CHECK POINT

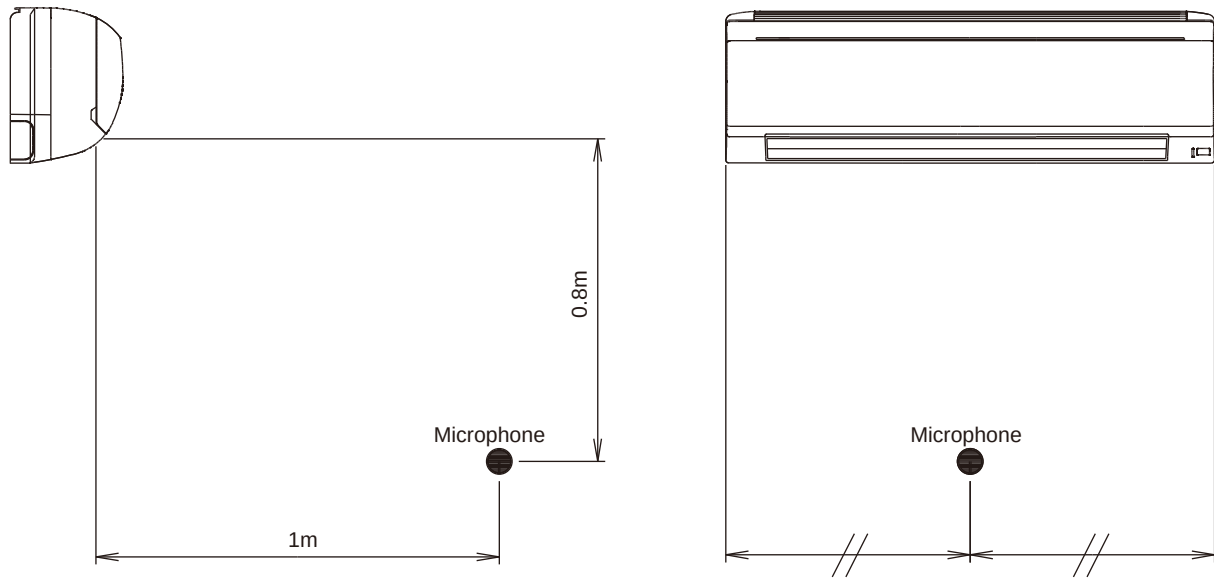
■ COMPACT CASSETTE TYPE



■ SLIM DUCT TYPE

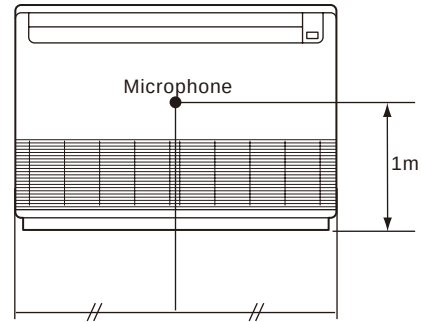
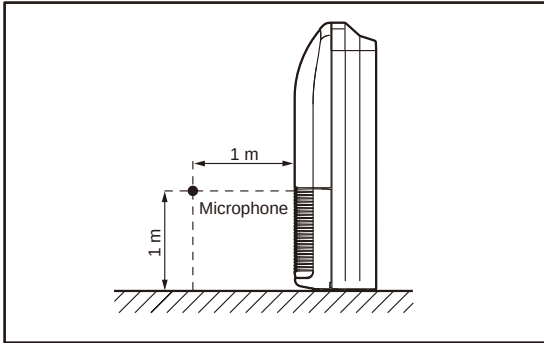


■ WALL MOUNTED TYPE

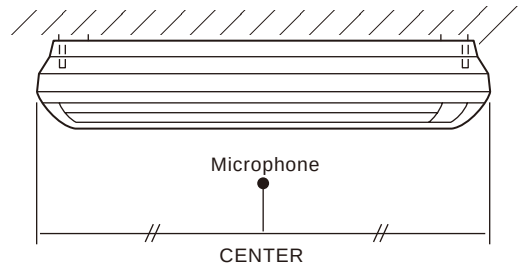
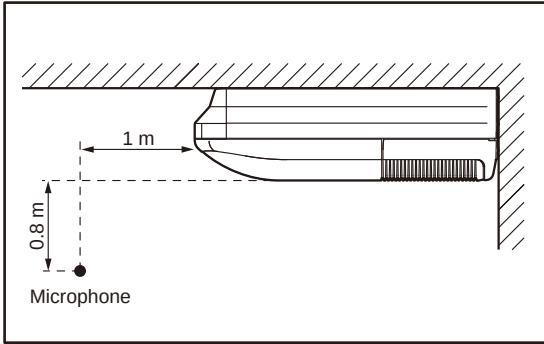


■ FLOOR / CEILING TYPE

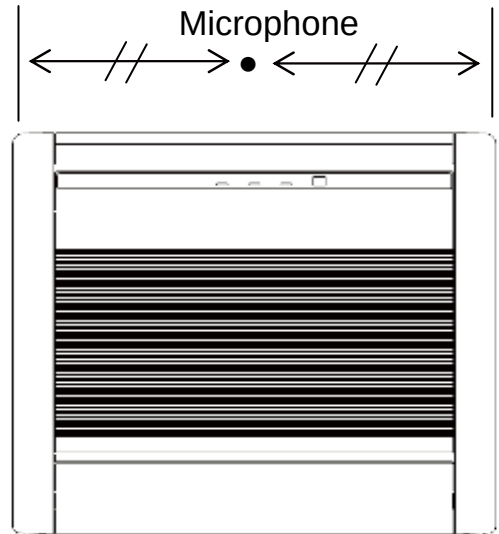
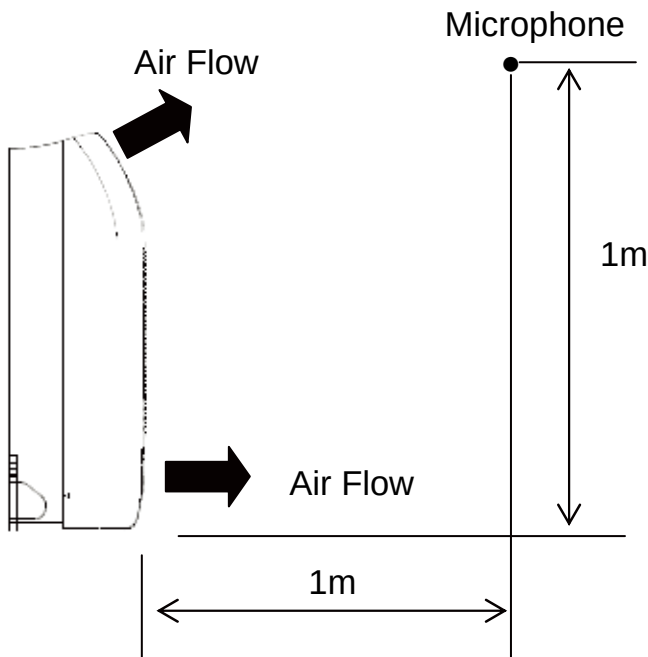
● Floor console



● Under ceiling



■ FLOOR TYPE



10. ELECTRICAL CHARACTERISTICS

		Power Supply			Indoor Rated		
Type	Model name	Hz	Voltage (V)	MCA (A)	Input Power (W)	FLA (A)	
Compact Cassette	AU*G07LVLA	50	230	0.19	18	0.15	
	AU*G09LVLA	50	230	0.19	18	0.15	
	AU*G12LVLA AU*G12LVLB	50	230	0.24	23	0.19	
	AU*G14LVLA AU*G14LVLB	50	230	0.28	28	0.22	
	AU*G18LVLA AU*G18LVLB	50	230	0.38	39	0.30	
Slim Duct	AR*G07LLTA	50	230	0.41	33	0.33	
	AR*G09LLTA	50	230	0.38	49	0.30	
	AR*G12LLTA AR*G12LLTB	50	230	0.44	58	0.35	
	AR*G14LLTA AR*G14LLTB	50	230	0.64	76	0.51	
	AR*G18LLTA AR*G18LLTB	50	230	0.55	73	0.44	
Wall Mounted	LJ	AS*G07LJCA	50	230	0.17	15	0.13
		AS*G09LJCA	50	230	0.19	17	0.15
		AS*G12LJCA	50	230	0.24	22	0.19
	LU	AS*G07LUCA	50	230	0.16	13	0.13
		AS*G09LUCA	50	230	0.18	16	0.14
		AS*G12LUCA	50	230	0.21	19	0.17
		AS*G14LUCA	50	230	0.25	23	0.20
	LM	AS*G07LMCA	50	230	0.16	15	0.13
		AS*G09LMCA	50	230	0.19	17	0.15
		AS*G12LMCA	50	230	0.24	22	0.19
		AS*G14LMCA	50	230	0.31	28	0.25
	LF	AS*G18LFCA	50	230	0.41	37	0.33
		AS*G24LFCA AS*G24LFCC	50	230	0.66	69	0.53
Floor / Ceiling		AB*G14LVTA	50	230	0.26	26	0.21
		AB*G18LVTA AB*G18LVTB	50	230	0.45	47	0.36
Floor		AG*G09LVCA	50	230	0.19	16	0.15
		AG*G12LVCA	50	230	0.23	20	0.18
		AG*G14LVCA	50	230	0.25	23	0.20

Wiring Spec. (Indoor unit to outdoor unit)	Connection cable	mm ²	1.5
	Limited wiring length	m	26

MCA : Min Circuit Amps = Max Operating Current (Full Load).
FLA : Full Load Amps (Fan Motor)

11. SAFETY DEVICES

Model and type		PCB fuse	Fan motor thermal protector	Terminal thermal fuse	Float switch
Compact Cassette	AU*G07LVLA	250V 3.15A	130 +17°C -9°C	—	○
	AU*G09LVLA				
	AU*G12LVLA AU*G12LVLB				
	AU*G14LVLA AU*G14LVLB				
	AU*G18LVLA AU*G18LVLB				
Slim Duct	AR*G07LLTA	250V 3.15A	135 ± 15°C	—	○
	AR*G09LLTA				
	AR*G12LLTA AR*G12LLTB				
	AR*G14LLTA AR*G14LLTB				
	AR*G18LLTA AR*G18LLTB				
Wall Mounted	LJ	250V 3.15A	120 ± 15°C	102°C OFF	—
	LU	250V 3.15A	120 ± 15°C	102°C OFF	—
	LM	250V 3.15A	160 ± 25°C	—	—
	LF	250V 3.15A	150 ± 15°C	102°C OFF	—
Floor / Ceiling	AB*G14LVTA	250V 3.15A	135 ± 15°C	—	—
	AB*G18LVTA AB*G18LVTB				
Floor	AG*G09LVCA	250V 3.15A	150 ± 15°C	102°C OFF	—
	AG*G12LVCA				
	AG*G14LVCA				

12. EXTERNAL INPUT & OUTPUT

Indoor unit type	EXTERNAL INPUT	EXTERNAL OUTPUT			
	Control input	Operation status output	Fresh air control output	Auxiliary heater output	Error status output
Compact Cassette	●	●	●	-	-
Slim Duct	●	●	●	●	-
Wall Mounted	●	●	-	-	● (LU / LM types)
Floor / Ceiling	●	●	-	-	-
Floor	●	●	-	-	-

12-1. EXTERNAL INPUT

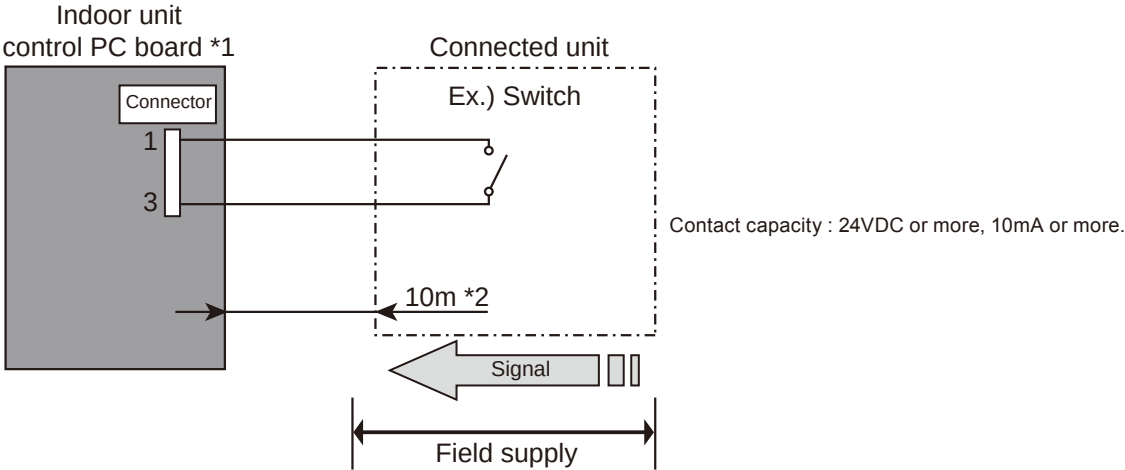
■ CONTROL INPUT (Operation/Stop or Forced stop)

	Compact Cassette	Slim Duct	Wall Mounted			Floor / Ceiling	Floor
			LJ	LU / LM	LF		
Connector	CN102	CN102	CN303	CNA01	CN14	CN102	CN14

The air conditioner can be remotely operated by means of the following on-site work.
"Operation/Stop" mode or "Forced stop" mode can be selected with function setting of indoor unit.
Unit operation is started at the following contents by adding the contact input of a commercial ON/OFF switch to a connector on the external control PC board and turning it ON.

Unit operation	Initial setting after power is ON	Starting mode other than initial setting
Operation mode	Auto changeover	Mode at previous operation
Set temperature	24°C	Temperature at previous operation
Airflow mode	AUTO	Mode at previous operation
Up-down air direction (swing)	Standard air direction (swing OFF)	Air direction at previous operation
Left-right air direction (swing)	Standard air direction (swing OFF)	Air direction at previous operation

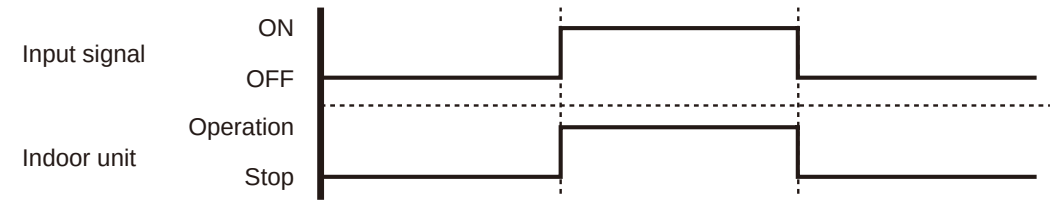
● Circuit diagram example



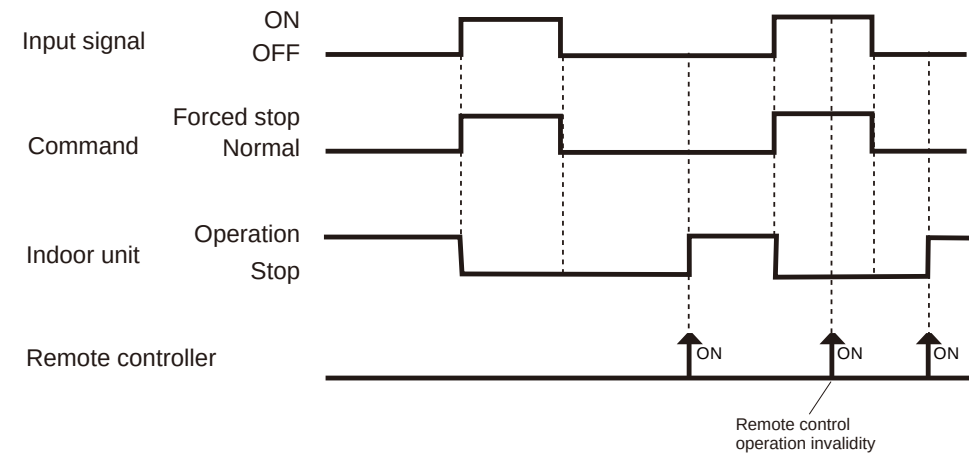
*1 PC board of Communication kit is used for Wall mounted type (LJ, LU, LM).
*2 Make the distance from the PC board to the connected unit within 10m.

Indoor unit type		1 Pin (Polarity)	3 Pin (Polarity)
Compact Cassette		-	+
Slim Duct		-	+
Wall Mounted	LJ	+	-
	LU	-	+
	LM	-	+
	LF	-	+
Floor / Ceiling		-	+
Floor		-	+

● When function setting is in "Operation/Stop" mode



● When function setting is in "Forced stop" mode



● Parts (Optional)

	Compact Cassette	Slim Duct	Wall Mounted			Floor / Ceiling	Floor
			LJ	LU / LM	LF		
Parts name	External connect kit						
Model name	UTY-XWZX	UTD-ECS5A	UTY-XWZX	UTY-XWZXZ5	UTY-XWZX		



(UTY-XWZX)



(UTD-ECS5A)



(UTY-XWZXZ5)

	Compact Cassette	Slim Duct	Wall Mounted				Floor / Ceiling	Floor
			LJ	LU	LM	LF		
Parts name	-	-	Communication kit				-	-
Model name	-	-	UTY-XCBXZ1	UTY-TWBXF	UTY-XCBXZ2	-	-	-

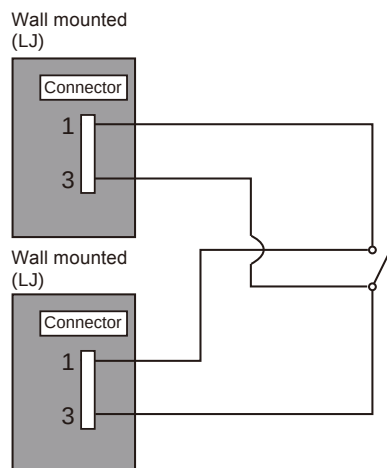
*For operating the EXTERNAL INPUT function, the Wall mounted type (LJ, LU, LM) requires the communication kit (UTY-XCBXZ1, UTY-TWBXF, UTY-XCBXZ2) in addition to the wire (UTY-XWZX, UTY-XWZXZ5).

● Caution

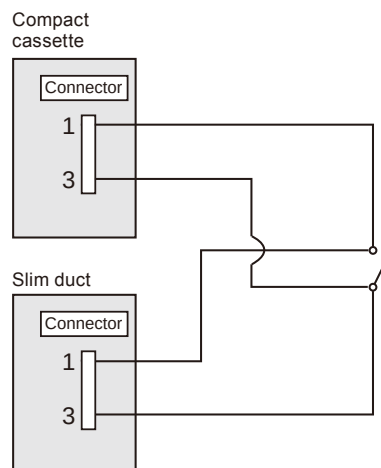
Do not connect the input terminals of the Wall mounted units (LJ type) to other types of indoor units.

Connect pin of the same number because there is a polarity in connector.

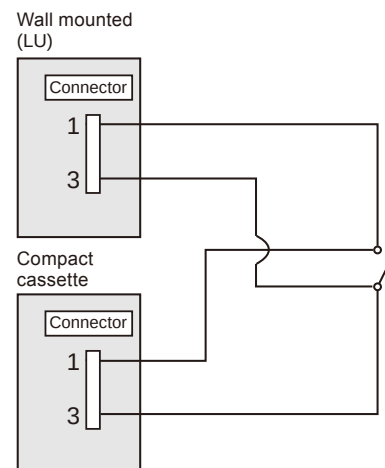
● Example 1 (OK)



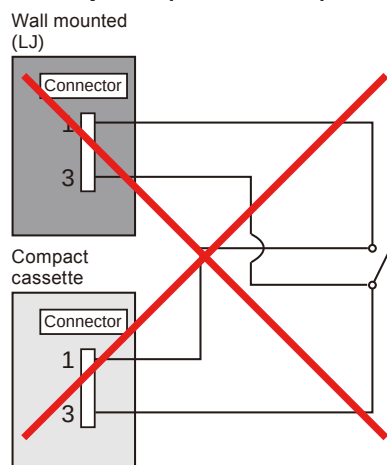
● Example 2 (OK)



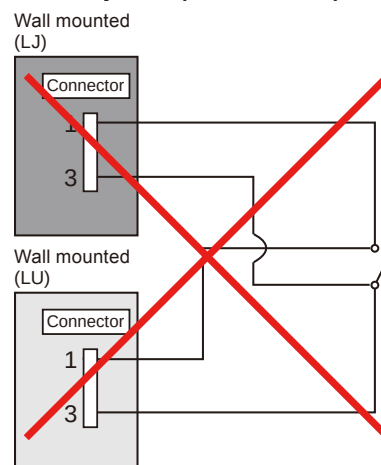
● Example 3 (OK)



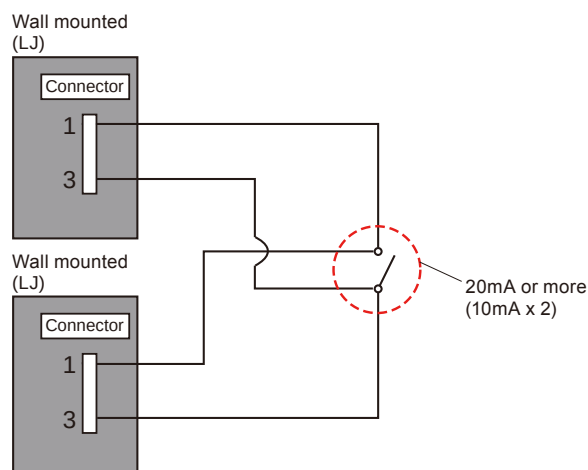
● Example 4 (Prohibited)



● Example 5 (Prohibited)



Note the contact capacity when connecting it with two or more indoor units.
Secure the contact capacity per one indoor unit of 10mA or more.



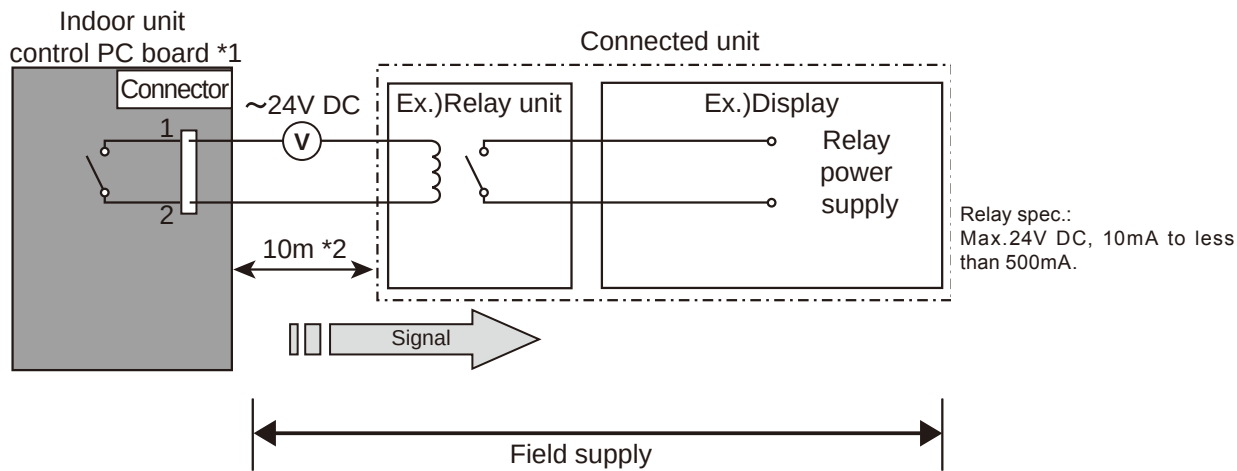
12-2. EXTERNAL OUTPUT

■ OPERATION STATUS OUTPUT

	Compact Cassette	Slim Duct	Wall Mounted			Floor / Ceiling	Floor
			LJ	LU / LM	LF		
Connector	CN103	CN103	CN304	CNB01	CN16	CN103	CN20

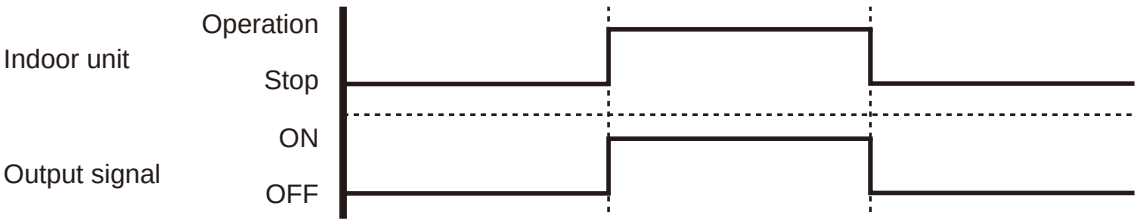
An air conditioner operation status signal can be output.

● Circuit diagram example



*1 PC board of Communication kit is used for Wall mounted type.

*2 Make the distance from the PC board to the connected unit within 10m.



● Parts (Optional)

	Compact Cassette	Slim Duct	Wall Mounted			Floor / Ceiling	Floor
			LJ	LU / LM	LF		
Parts name	External connect kit						
Model name	UTY-XWZX	UTD-ECS5A	UTY-XWZX	UTY-XWZXZ5	UTY-XWZX		



	Compact Cassette	Slim Duct	Wall Mounted				Floor / Ceiling	Floor
			LJ	LU	LM	LF		
Parts name	-	-	Communication kit				-	-
Model name	-	-	UTY-XCBXZ1	UTY-TWBXF	UTY-XCBXZ2	-	-	-

*For operating the EXTERNAL OUTPUT function, the Wall mounted type (LJ, LU, LM) requires the communication kit (UTY-XCBXZ1, UTY-TWBXF, UTY-XCBXZ2) in addition to the wire (UTY-XWZX, UTY-XWZXZ5).

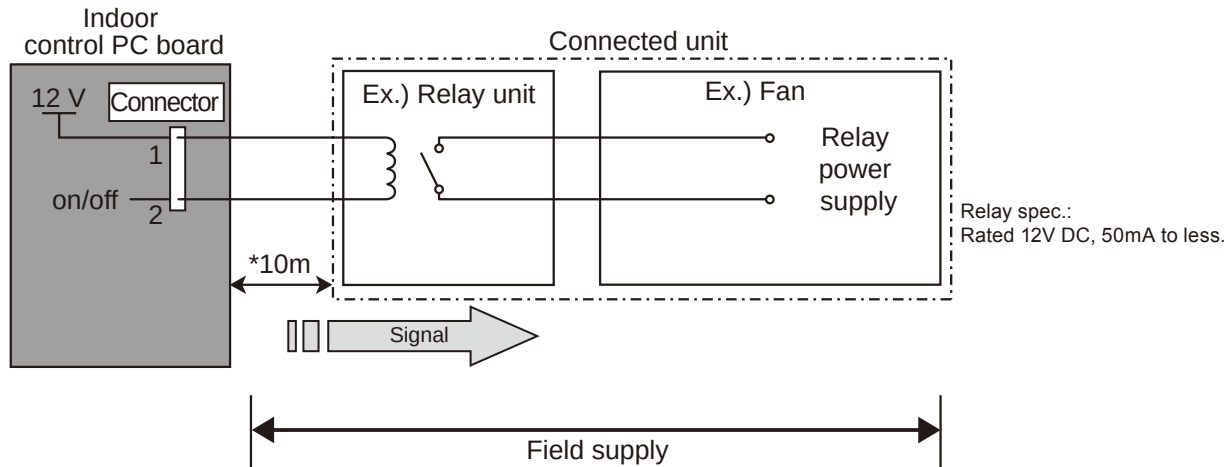
■ FRESH AIR CONTROL OUTPUT

	Compact Cassette	Slim Duct	Wall Mounted	Floor / Ceiling	Floor
Connector	CN6	CN6	-	-	-

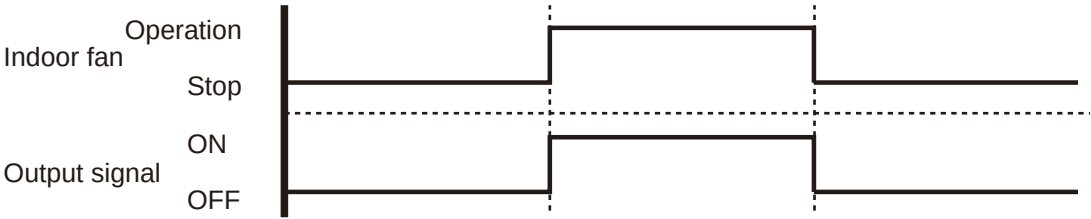
A signal linked to air conditioner indoor fan ON can be output.

* However, signal becomes OFF during cold air prevention control operation.

● Circuit diagram example



* Make the distance from the PC board to the connected unit within 10m.



● Parts (Optional)

	Compact Cassette	Slim Duct	Wall Mounted	Floor / Ceiling	Floor
Parts name	Fresh air intake kit	External control set	-	-	-
Model name	UTZ-VXAA *1	UTD-ECS5A	-	-	-



Note : This wire is included in Fresh air intake kit (UTZ-VXAA).

■ AUXILIARY HEATER OUTPUT

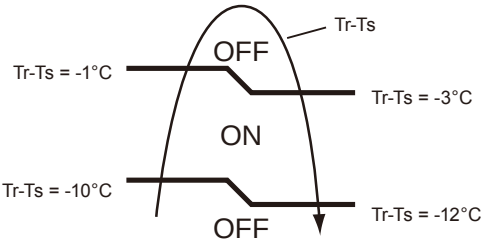
	Compact Cassette	Slim Duct	Wall Mounted	Floor / Ceiling	Floor
Connector	-	CN10	-	-	-

A signal is outputted from Connector when indoor fan and compressor turn on under heating operation.

*Signal output performance specifications are as shown on the right

Ex. When Set Temperature(T_s) is 22°C;

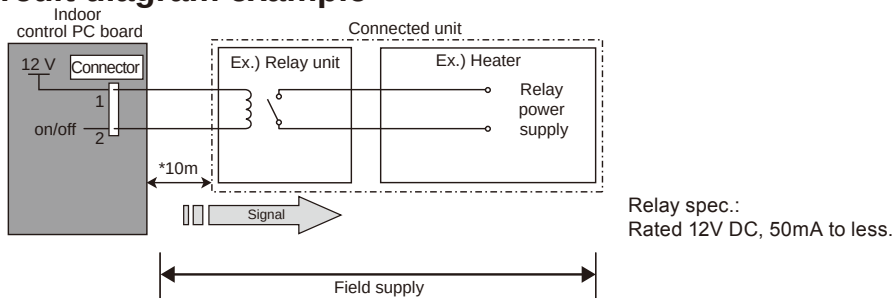
- and Room Temperature(T_r) increase above 12°C, signal output is on.
- and Room Temperature(T_r) increase above 21°C, signal output is off.
- and Room Temperature(T_r) decrease below 19°C, signal output is on.
- and Room Temperature(T_r) decrease below 10°C, signal output is off.



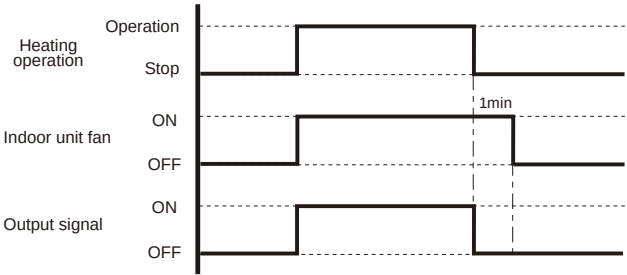
● Jumper wire (Indoor Unit)

This is used to continue indoor unit fan operation for 1 minute after thermo OFF in heating mode. 1 minute delay control set by cutting jumper wire on PCB.

● Circuit diagram example

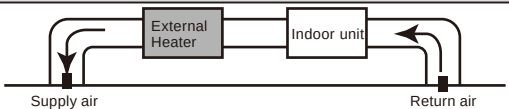


* Make the distance from the PC board to the connected unit within 10m.



CAUTION

Please place an external heater between the indoor unit and the outlet.
Please be sure to use delay control of the fan.



● Parts (Optional)

	Compact Cassette	Slim Duct	Wall Mounted	Floor / Ceiling	Floor
Parts name	-	External control set	-	-	-
Model name	-	UTD-ECS5A	-	-	-

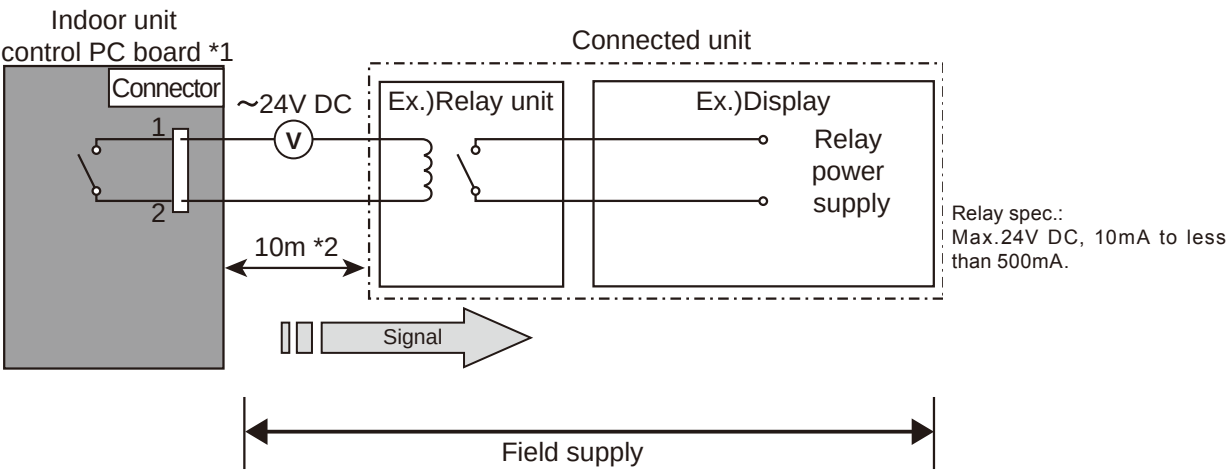


■ ERROR STATUS OUTPUT

	Compact Cassette	Slim Duct	Wall Mounted			Floor / Ceiling	Floor
			LJ	LU / LM	LF		
Connector	-	-	-	CNB02	-	-	-

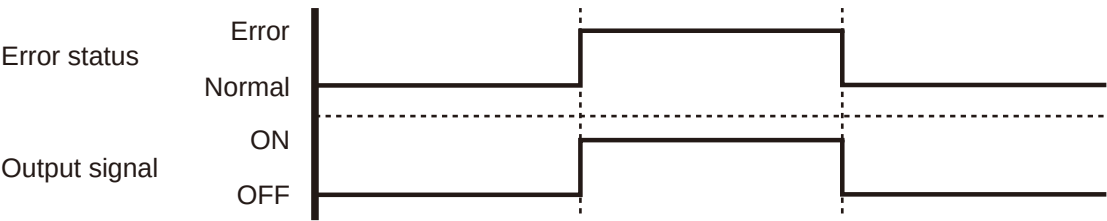
An air conditioner error status signal can be output.

● Circuit diagram example



*1 PC board of Communication kit is used for Wall mounted type.

*2 Make the distance from the PC board to the connected unit within 10m.



● Parts (Optional)

	Compact Cassette	Slim Duct	Wall Mounted			Floor / Ceiling	Floor
			LJ	LU / LM	LF		
Parts name	-	-	-	External connect kit	-	-	-
Model name	-	-	-	UTY-XWZXZ5	-	-	-



	Compact Cassette	Slim Duct	Wall Mounted			Floor / Ceiling	Floor
			LJ	LU / LM	LF		
Parts name	-	-	-	Communication kit	-	-	-
Model name	-	-	-	UTY-TWBXF	-	-	-

*For operating the EXTERNAL OUTPUT function, the Wall mounted type (LU, LM) requires the communication kit (UTY-TWBXF, UTY-XCBXZ2) in addition to the wire (UTY-XWZXZ5).

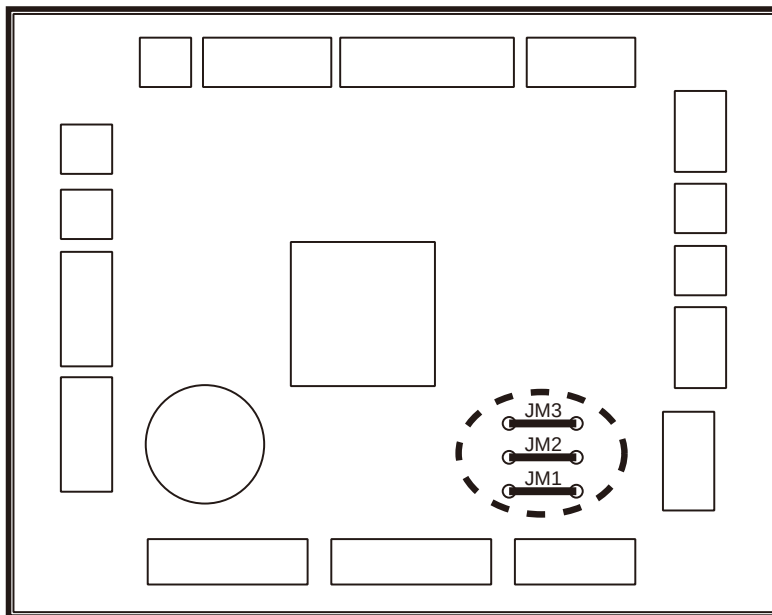
13. FUNCTION SETTINGS

13-1. INDOOR UNIT (setting by jumper wire)

Note: This function is Slim Duct type only.

■ SWITCH POSITION

● Slim Duct type



■ JUMPER WIRE SETTING

● Drainage function setting (JM1)

(◆...Factory setting)

	JM1	Drainage function
◆	Connect	Valid
	Disconnect	Invalid

● Auto louver grille setting (JM2)

When Auto louver grille kit (optional parts) is attached, set the Auto louver grille setting to "Valid".

(◆...Factory setting)

	JM2	Auto louver grille setting
◆	Connect	Invalid
	Disconnect	Valid

● Fan delay setting (JM3)

(◆...Factory setting)

	JM3	Fan delay
◆	Connect	Invalid
	Disconnect	Valid

13-2. INDOOR UNIT (setting by wireless remote controller)

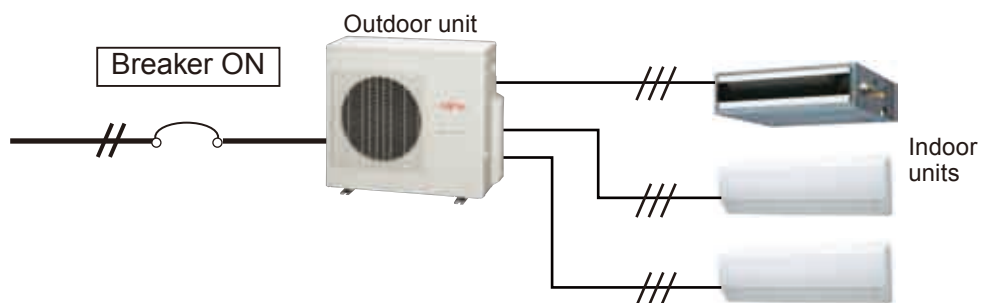
- The function settings of the control of the indoor unit can be changed by this procedure according to the installation conditions. Incorrect settings can cause the indoor unit to malfunction.
- After the power is turned on, perform the "FUNCTION SETTING" according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function Number or Setting Number.
- Settings will not be changed if invalid numbers or setting numbers are selected.

■ PREPARATION

(1) Turn on the power of the Outdoor unit.

* Before turning on the power of the indoor units, make sure the piping air-tight test and vacuuming have been conducted.

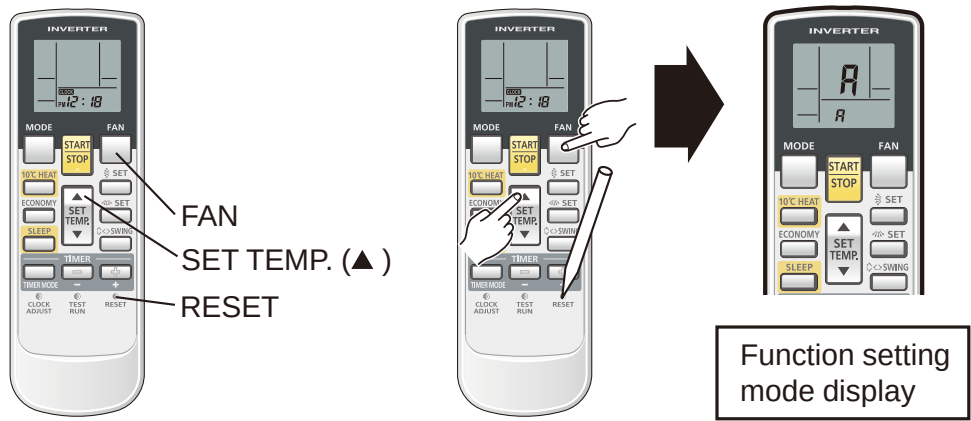
* Also check again to make sure no wiring mistakes were made before turning on the power.



13-2-1. AR-RAH2E / AR-RAH1E

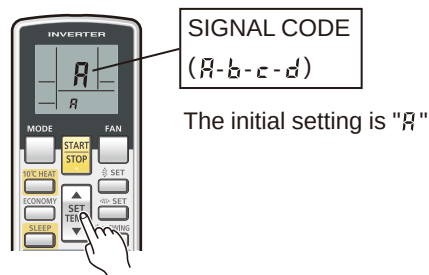
■ SWITCHING SELECTION OF FUNCTION SETTING MODE

- (2) Press and hold the “FAN” and the “ SET TEMP. ▲ ” buttons. While holding these 2 buttons, press the "RESET" button.

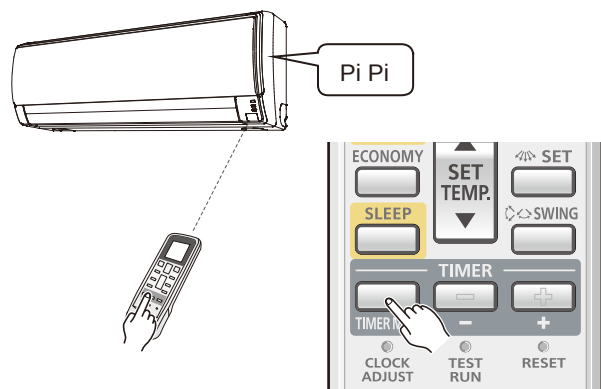


■ SELECTION AND CONFIRMATION OF SIGNAL CODE

- (3) Press the “ SET TEMP. ▲ ” or “ SET TEMP. ▼ ” buttons to select the signal code that matches the setting with the indoor unit. By selecting the appropriate signal code, the communication between the indoor unit and the wireless RC become possible.

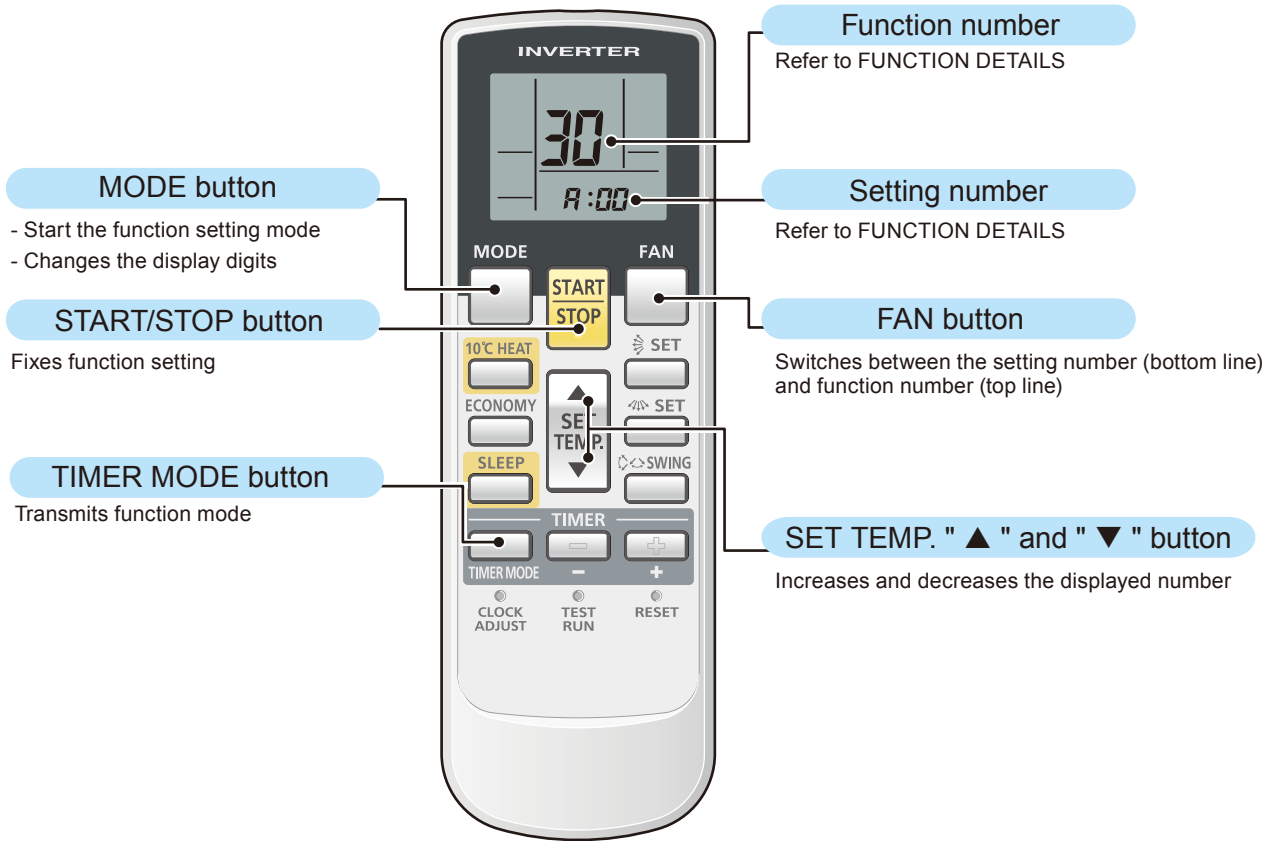


- (4) Press the “TIMER MODE” button to send the code to the indoor unit.



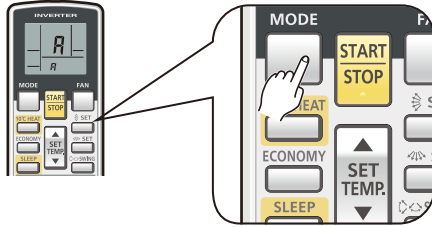
■ BUTTON NAME AND FUNCTION

- During address setting mode, indoor unit rejects any operation command from remote controller.

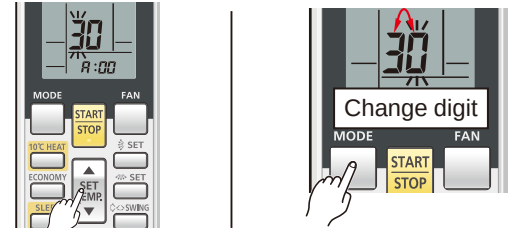


■ FUNCTION SETTING

- (5) Press the "MODE" button to access the function setting mode.



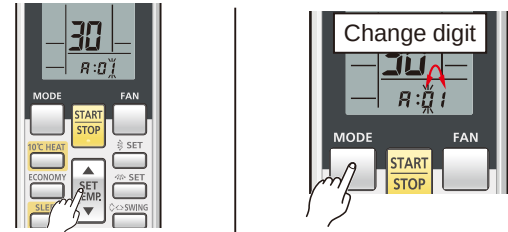
- (6) Press the "▲" or the "▼" buttons to select the function number.



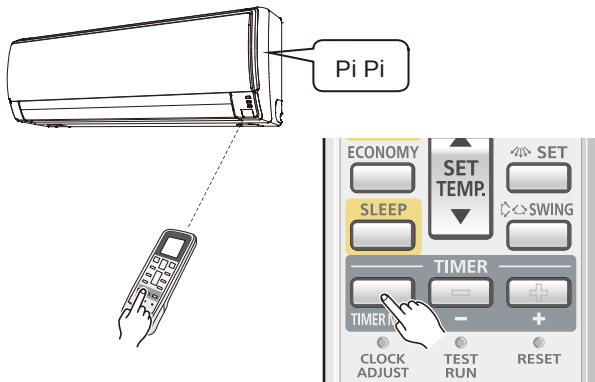
- (7) Press the FAN button to proceed to setting the number. (Press the FAN button again to return to the function number selection.)



- (8) Press the "▲" or the "▼" buttons to select the setting number.



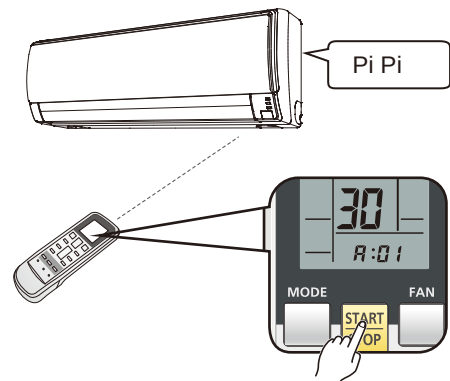
- (9) Press the "TIME MODE" button once to send the function mode information.



- (10) Press the "START/STOP" button once to fix the function setting.

A beeping noise will be heard if the command is accepted.

*Wrong code: No response



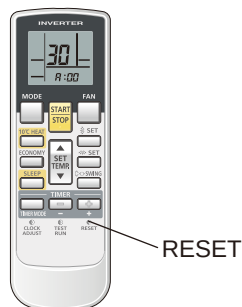
Note: Please push the "START/STOP" button within 30 seconds after pushing the "TIME MODE" button.

■ FUNCTION DETAILS

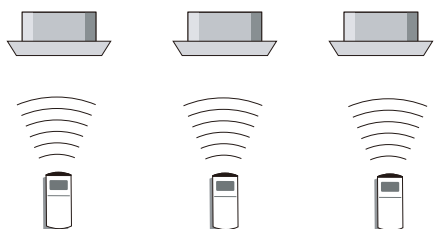
Refer to 13-5. FUNCTION DETAILS

■ COMPLETION OF FUNCTION SETTING MODE

(11) Press the "RESET" button.



■ SETTING UP EACH INDOOR UNIT



Repeat steps (1) through to (11).

■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

Important

- If the reset is not performed, function cannot be read in normally.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
After the 2 minutes has passed, power can be restored.
- The set function is stored in the PCB and will remain in memory even when the power is turned off.
However setting function is effective after power reset.
Record the function set in the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.

* Once the "RESET" button is pressed on the remote controller, the OPERATION MODE will be set in the "AUTO MODE".

Please adjust the OPERATION MODE to either "COOLING" or "HEATING" before trying to operate the air conditioner.

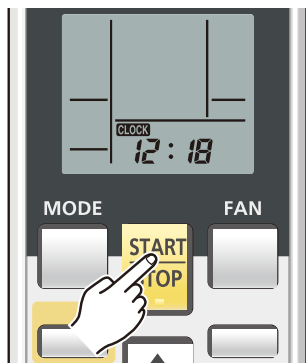
* Note : If SIGNAL CODE is set to anything other than "A" ,the remote control must be set accordingly to the INDOOR UNIT setting.

■ REMOTE CONTROLLER SIGNAL CODE SETTING

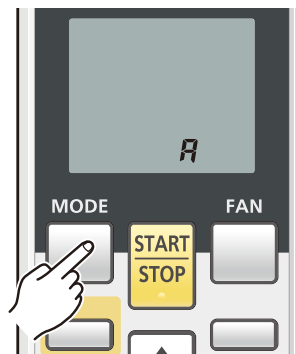
According to the following instructions, please set the signal code setting of the Wireless remote controller to match any changes in the signal code setting of the indoor unit.

(Note that the air conditioner cannot receive a signal if the right signal codes has not been set.)

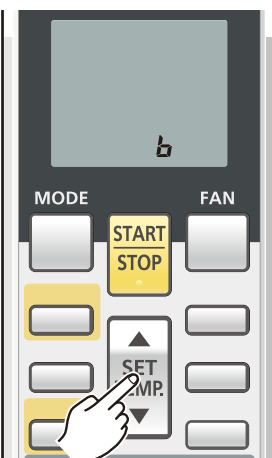
1. Press the START/STOP button until only the clock is displayed on the remote controller display.



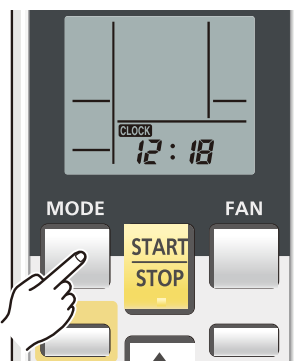
2. Press the MODE button for at least five seconds to display the current signal code (initially set to A).



3. Press the SET TEMP. "▲" or the "▼" button to change the signal code between A→B→C→D.



4. Press the MODE button again to return to the clock display. The signal code will be changed.



- If no buttons are pressed within 30 seconds after the signal code is displayed, the system returns to the original clock display. In this case, start again from step 1.
- The air conditioner signal code is set to A prior to shipment.
- The remote controller resets to signal code A when the batteries in the remote controller are replaced. If you use a signal code other than signal code A, reset the signal code after replacing the batteries. If you do not know the air conditioner signal code setting, try each of the signal codes (A→B→C→D) until you find the code which operates the air conditioner.

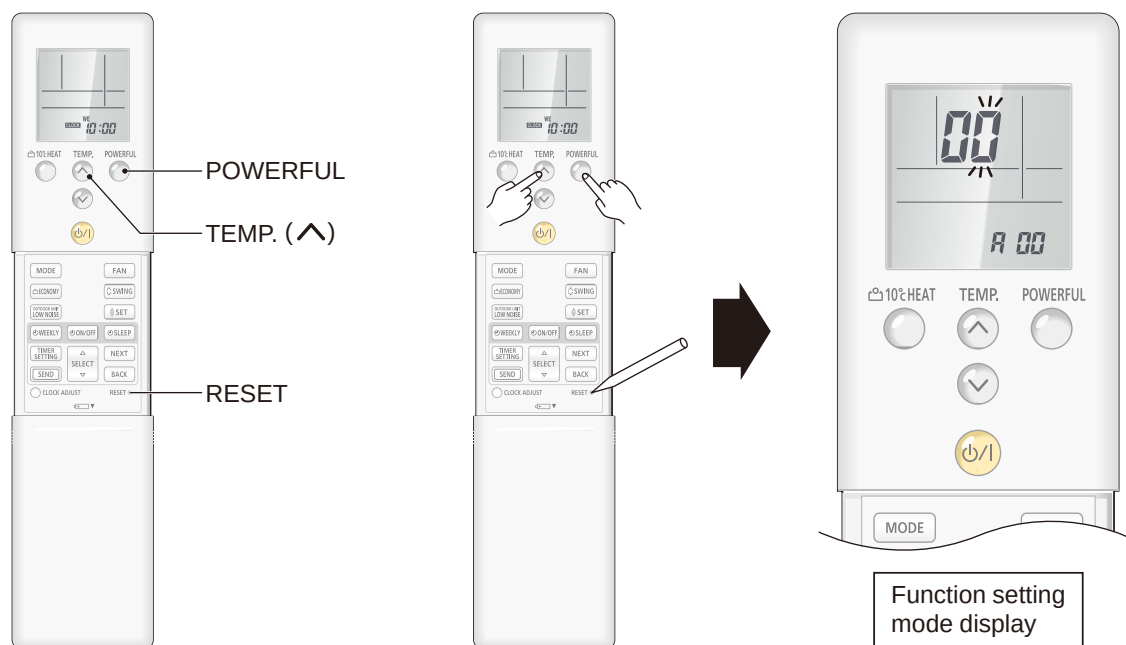
13-2-2. AR-REA2E

■ CONFIRMATION OF SIGNAL CODE

- (2) Prior to entering the function setting mode, adjust the signal code of the remote controller to match the signal code of the indoor unit as specified in Remote Controller Signal Code Setting

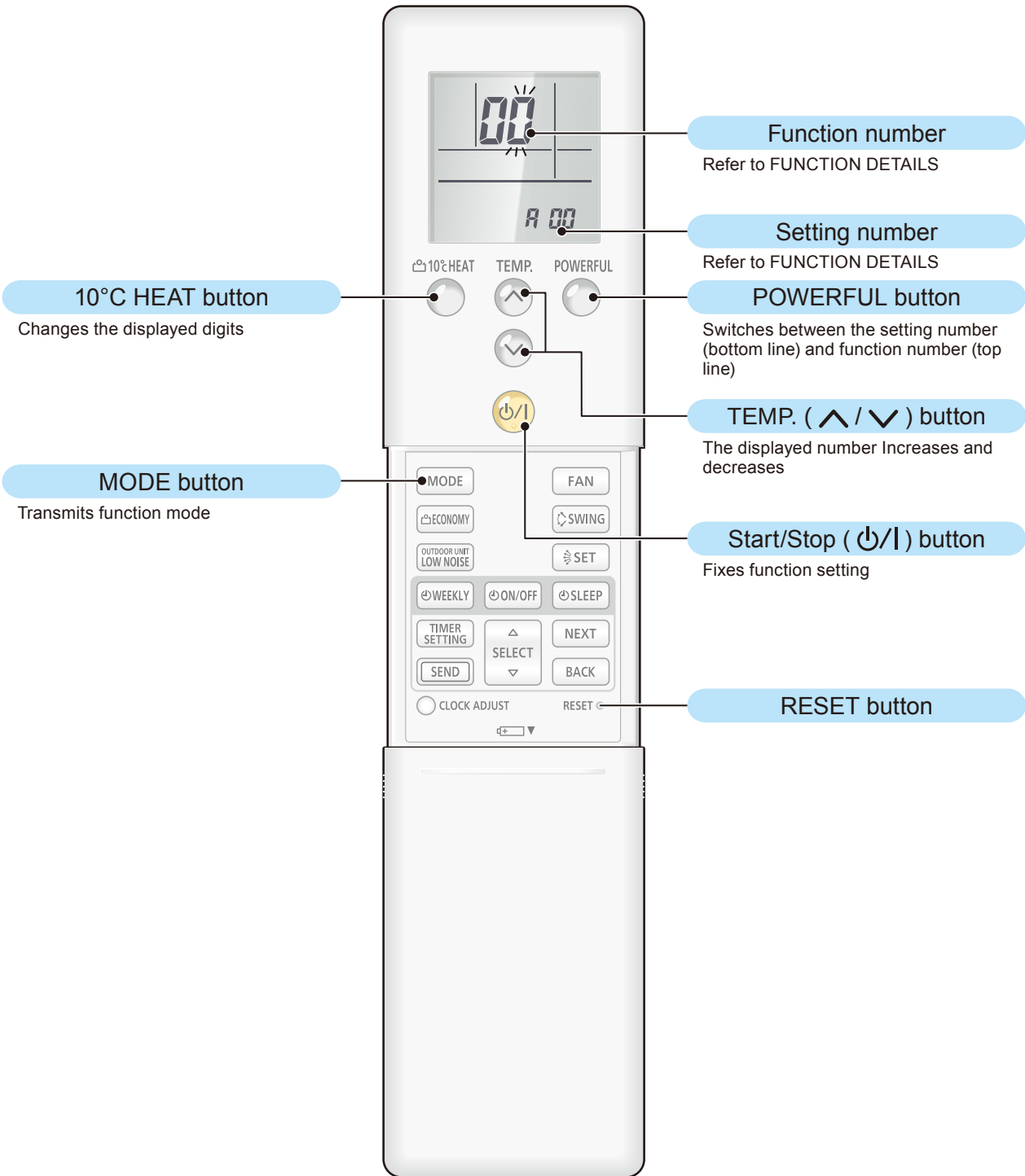
■ SWITCHING SELECTION OF FUNCTION SETTING MODE

- (3) Press and hold the "POWERFUL" and "TEMP. ^" buttons. While holding these 2 buttons, press the "RESET" button.



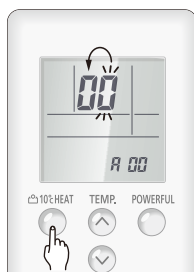
■ BUTTON NAME AND FUNCTION

- During the function setting mode, indoor unit will reject any operation command from remote controller.

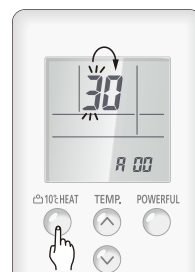
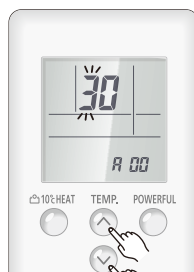


FUNCTION SETTING

- (4) Press the "TEMP. ^" or "TEMP. v" buttons to select the function number.
Press the "10°C HEAT" button to switch between left and right digits.



Change digit

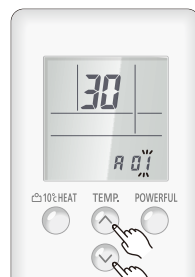


Change digit

- (5) Press the "POWERFUL" button to proceed to the setting number.
(Press the "POWERFUL" button again to return to the function number selection.)

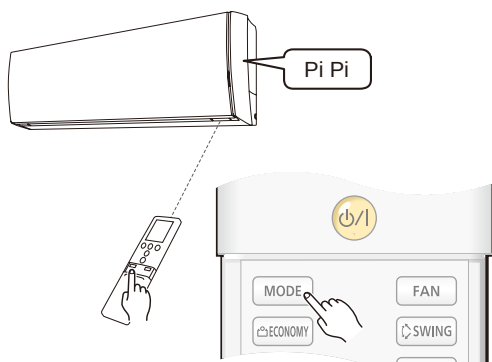


- (6) Press the "TEMP. ^" or the "TEMP. v" buttons to select the setting number.
Press the "10°C HEAT" button to switch between left and right digits.



Change digit

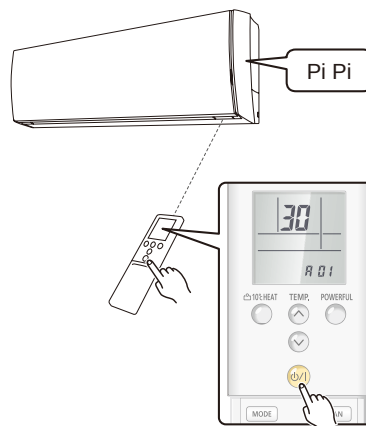
- (7) Press the "MODE" button once to send the function mode information.



- (8) Press the "ϕ/I" button once to fix the function setting.

A beeping noise will be heard if the command is accepted.

*Wrong code: No response



Note: Please push the "ϕ/I" button within 30 seconds after pushing the "MODE" button.

FUNCTION DETAILS

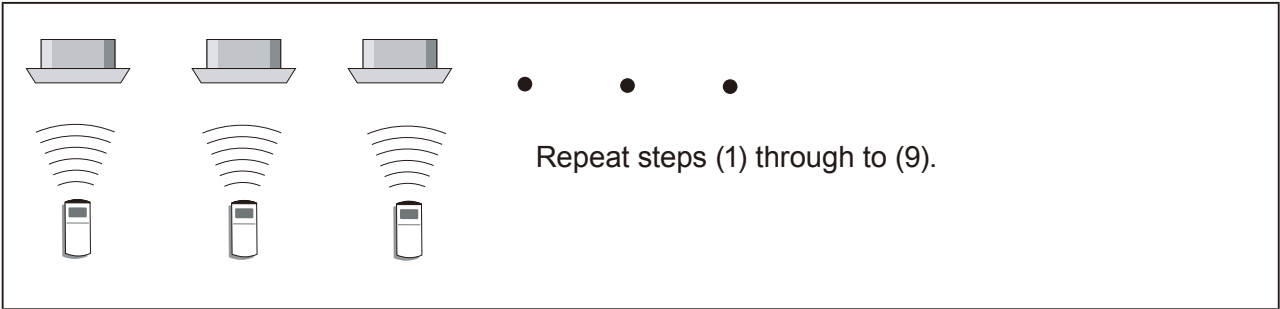
Refer to 13-5. FUNCTION DETAILS

■ COMPLETION OF FUNCTION SETTING MODE

(9) Press the "RESET" button.



■ SETTING UP EACH INDOOR UNIT



■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

Important

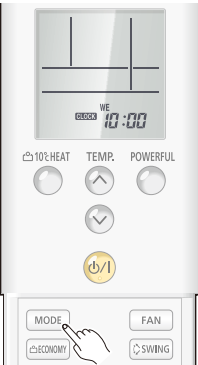
- If the reset is not performed, function settings cannot be read in normally.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
After the 2 minutes has passed, power can be restored.
- The set fuction is stored in the PCB and will remain in memory even when the power is turned off.
However the settings are only effective after the power is reset.
Record the function settings of the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.

- * Once the "RESET" button is pressed on the remote controller, the OPERATION MODE will be set in the "AUTO MODE".
Please adjust the OPERATION MODE to either "COOLING" or "HEATING" before trying to operate the air conditioner.
- * Note : If SIGNAL CODE is set to anything other than "A" ,the remote control must be set accordingly to the INDOOR UNIT setting.

■ REMOTE CONTROLLER SIGNAL CODE SETTING

According to the following instructions, please set the signal code setting of the Wireless remote controller to match any changes in the signal code setting of the indoor unit.

(Note that the air conditioner cannot receive a signal if the right signal codes has not been set.)

1. Press the Start/Stop “/I” button until only the clock is displayed on the remote controller display. 	2. Press the "MODE" button for at least 5 seconds to display the current signal code (initially set to A). 
3. Press the “TEMP. ” or the “TEMP. ” button to change the signal code between A→B→C →D. 	4. Press the "MODE" button again to return to the clock display. The signal code will be changed. 

- If no buttons are pressed within 30 seconds after the signal code is displayed, the system returns to the original clock display. In this case, start again from step 1.
- The air conditioner signal code is set to A prior to shipment.
- If you do not know the air conditioner signal code setting, try each of the signal codes (A→B→C→D) until you find the code which operates the air conditioner.

13-2-3. AR-REB1E

■ SWITCHING SELECTION OF FUNCTION SETTING MODE

(2) Press and hold the "POWERFUL" and "TEMP. ^" buttons. While holding these 2 buttons, press the "RESET" button.

POWERFUL

TEMP. (^)

RESET

Function setting mode display

■ CONFIRMATION OF SIGNAL CODE

(3) Press the "TEMP. ^" or "TEMP. v" buttons to select the signal code that matches the setting with the indoor unit. By selecting the appropriate signal code, the communication between the indoor unit and the wireless RC becomes possible.

SIGNAL CODE
(A-b-c-d)

The initial setting is "A"

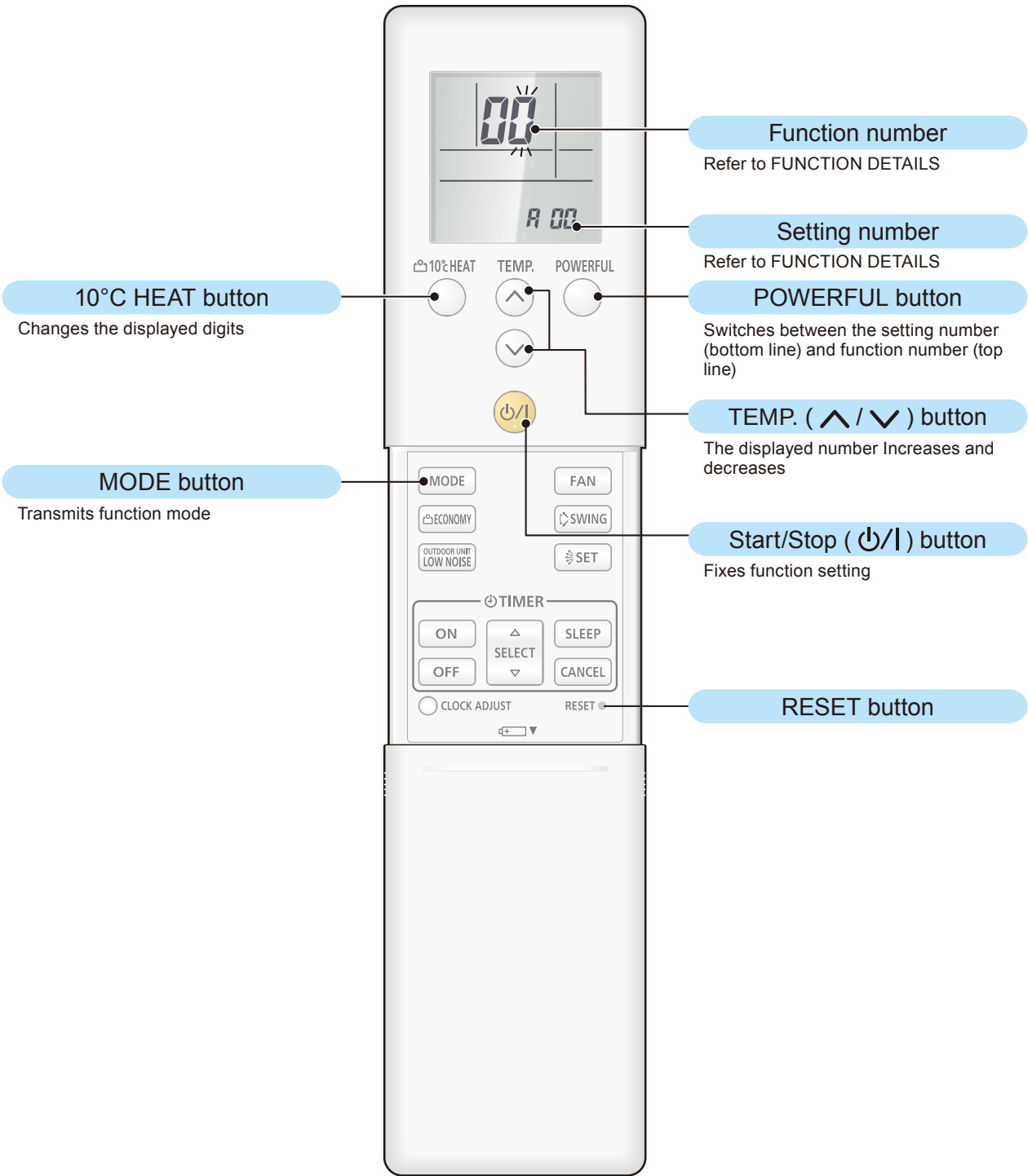
(4) Press the "MODE" button to send the code to the indoor unit.

Pi Pi

MODE

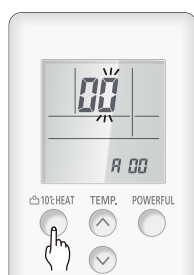
■ BUTTON NAME AND FUNCTION

- During the function setting mode, indoor unit will reject any operation command from remote controller.

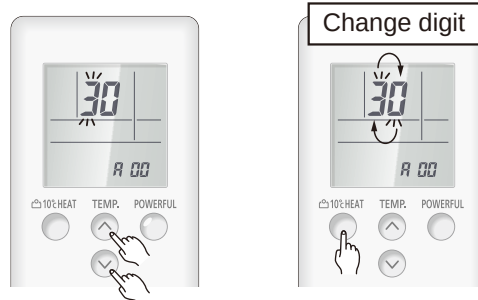


■ FUNCTION SETTING

- (5) Press the "10°C HEAT" button to access the function setting mode.



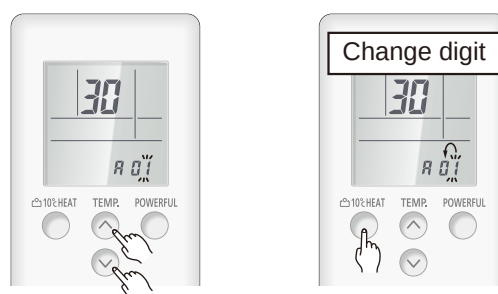
- (6) Press the "TEMP. ^" or "TEMP. v" buttons to select the function number. Press the "10°C HEAT" button to switch between left and right digits.



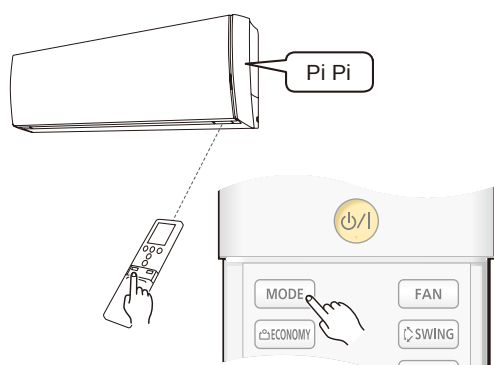
- (7) Press the "POWERFUL" button to proceed to the setting number. (Press the "POWERFUL" button again to return to the function number selection.)



- (8) Press the "TEMP. ^" or the "TEMP. v" buttons to select the setting number. Press the "10°C HEAT" button to switch between left and right digits.



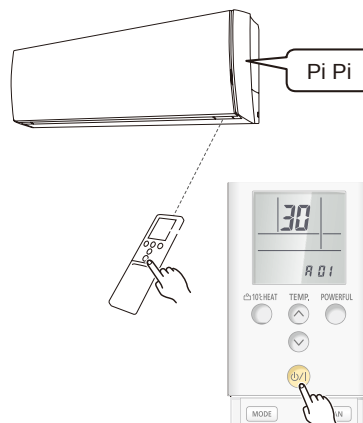
- (9) Press the "MODE" button once to send the function mode information.



- (10) Press the "ϕ / I" button once to fix the function setting.

A beeping noise will be heard if the command is accepted.

*Wrong code: No response



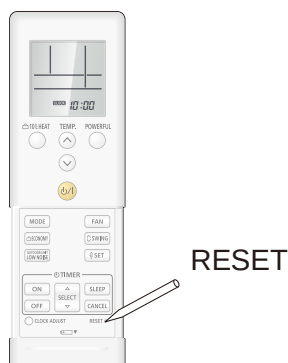
Note: Please push the "ϕ / I" button within 30 seconds after pushing the "MODE" button.

■ FUNCTION DETAILS

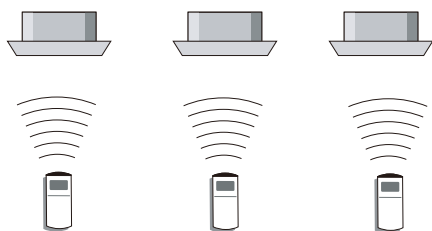
Refer to 13-5. FUNCTION DETAILS

■ COMPLETION OF FUNCTION SETTING MODE

(11) Press the "RESET" button.



■ SETTING UP EACH INDOOR UNIT



Repeat steps (1) through to (11).

■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

Important

- If the reset is not performed, function settings cannot be read in normally.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
After the 2 minutes has passed, power can be restored.
- The set fuction is stored in the PCB and will remain in memory even when the power is turned off.
However the settings are only effective after the power is reset.
Record the function settings of the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.

* Once the "RESET" button is pressed on the remote controller, the OPERATION MODE will be set in the "AUTO MODE".

Please adjust the OPERATION MODE to either "COOLING" or "HEATING" before trying to operate the air conditioner.

* Note : If SIGNAL CODE is set to anything other than "A" ,the remote control must be set accordingly to the INDOOR UNIT setting.

■ REMOTE CONTROLLER SIGNAL CODE SETTING

According to the following instructions, please set the signal code setting of the Wireless remote controller to match any changes in the signal code setting of the indoor unit.

(Note that the air conditioner cannot receive a signal if the right signal codes has not been set.)

1. Press the Start/Stop “/ ” button until only the clock is displayed on the remote controller display. 	2. Press the "MODE" button for at least 5 seconds to display the current signal code (initially set to A). 
3. Press the “TEMP. ” or the “TEMP. ” button to change the signal code between A→B→C →D. 	4. Press the "MODE" button again to return to the clock display. The signal code will be changed. 

- If no buttons are pressed within 30 seconds after the signal code is displayed, the system returns to the original clock display. In this case, start again from step 1.
- The air conditioner signal code is set to A prior to shipment.
- The remote controller resets to signal code A when the batteries in the remote controller are replaced. If you use a signal code other than signal code A, reset the signal code after replacing the batteries. If you do not know the air conditioner signal code setting, try each of the signal codes (A→B→C→D) until you find the code which operates the air conditioner.

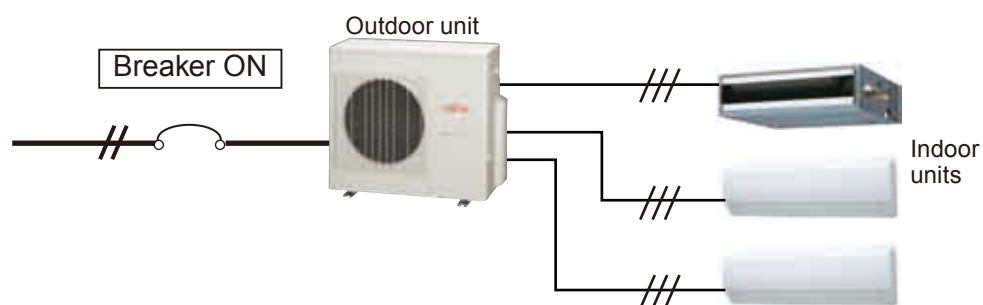
13-3. INDOOR UNIT (setting by wired remote controller)

- The function settings of the control of the indoor unit can be changed by this procedure according to the installation conditions. Incorrect settings can cause the indoor unit malfunction.
- After the power is turned on, perform the "FUNCTION SETTING" according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function Number or Setting Number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function cannot be used on secondary units.

■ PREPARATION

(1) Turn on the power to the Outdoor unit.

- Before turning on the power of the indoor units, make sure the piping air-tight test and vacuuming have been conducted.
- Also check again to make sure no wiring mistakes were made before turning on the power.



13-3-1. MODEL: UTY-RNN*M

■ SWITCHING SELECTION OF FUNCTION SETTING MODE

2) To activate the function setting mode, hold down the three buttons "SET TEMP. V", "SET TEMP. ^" and "FAN" at the same time for 5 seconds or longer.

Function setting mode initial display

■ BUTTON NAME AND FUNCTION

- During address setting mode, indoor unit will reject any operation command from the remote controller.

Function number
Refer to FUNCTION DETAILS

Remote controller address
Fixed to 00.

Setting number
Refer to FUNCTION DETAILS

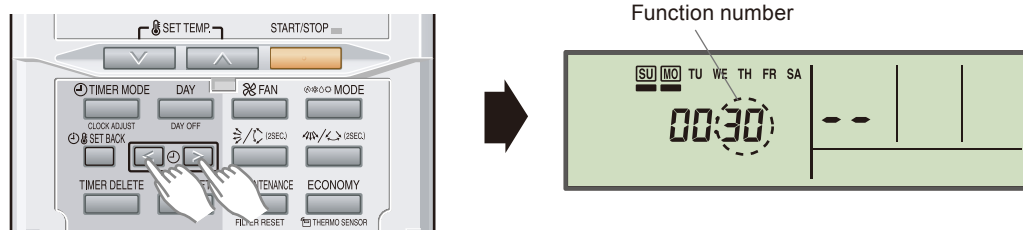
SET TEMP. "V" and "^" button
Switches the setting number.

Set Time "<" and ">" button
Switches the function number.

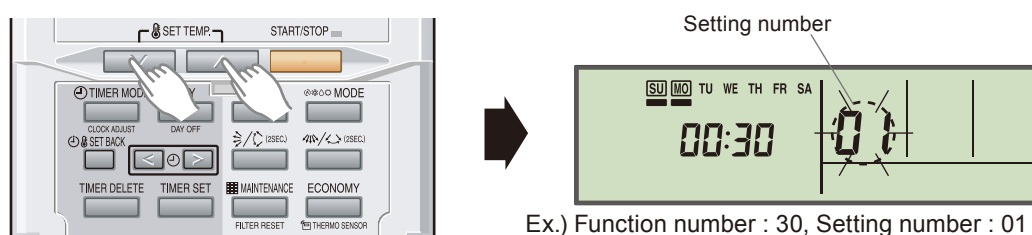
TIMER SET button
Transmits function setting

FUNCTION SETTING

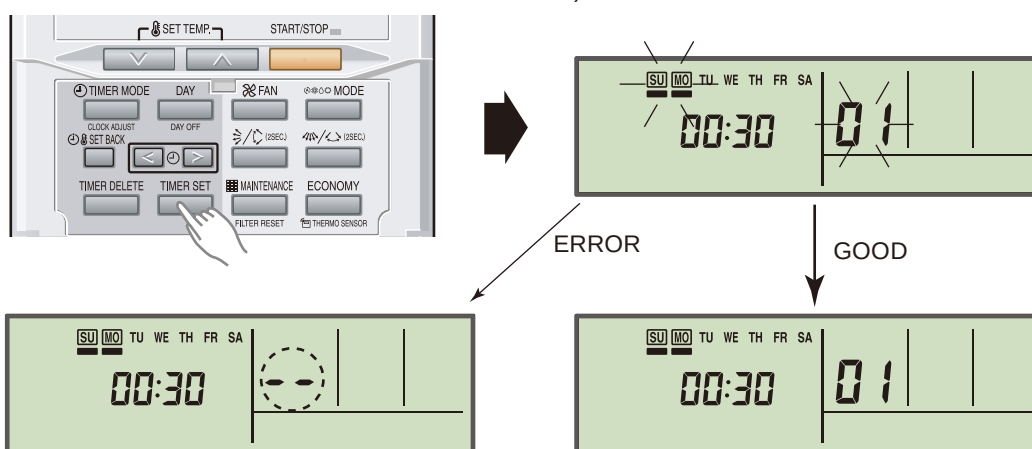
3) Press the "Set Time <" button or the "Set Time >" button, to select the function number.



4) Press the "SET TEMP. V" button or the "SET TEMP. ^" button, to select the setting number. The display flashes during setting number selection.



5) Press the "TIMER SET" button, confirm the setting.
(The data will be transferred to the indoor unit.)



- When the data was not set up on the indoor unit "--" is displayed.
- Set up the data again according to the procedure in step 3), 4) above.

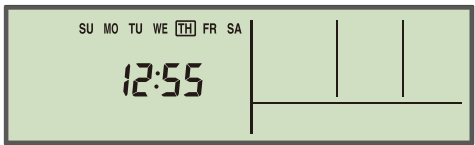
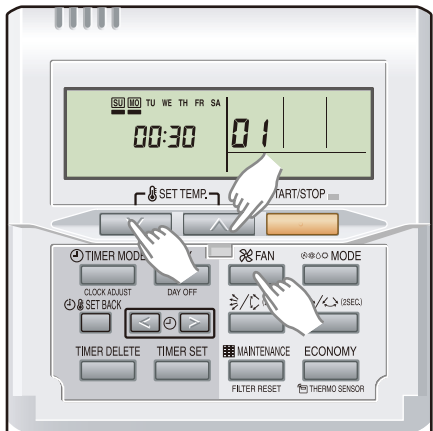
When the data was correctly set up on the indoor unit.
(Flashing display changes to illuminated display.)

FUNCTION DETAILS

Refer to 13-5. FUNCTION DETAILS

■ COMPLETION OF FUNCTION SETTING MODE

6) To clear the function setting mode and return to the regular display, hold down the three buttons "SET TEMP. V", "SET TEMP. $\wedge$ " and "FAN" at the same time.



Normal mode display

*If no key entry is made for 60 seconds, even though none of the above buttons is pressed, the function setting mode will automatically be cleared.
(If the function setting mode is automatically cleared while setting addresses, activate the mode again according to the procedure in step 2.)

■ SETTING UP EACH INDOOR UNIT

Repeat the procedures in steps 1) through 6), and set up the indoor units requiring function setting.

■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

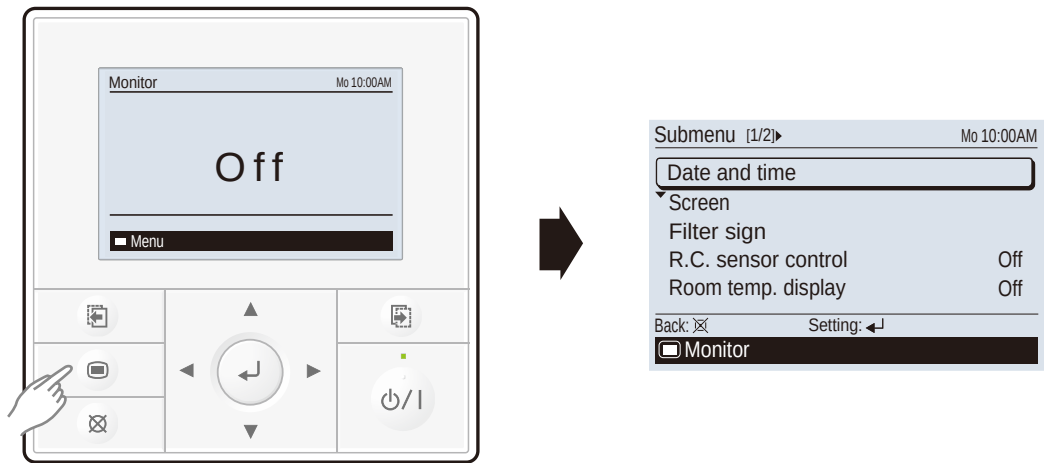
Important

- * If the reset is not performed, function settings cannot be read in normally.
- * After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
After the 2 minutes has passed, power can be restored.
- * The set function is stored in the PCB and will remain in memory even when the power is turned off.
However, the settings are only effective after the power is reset.
Record the function settings of the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.

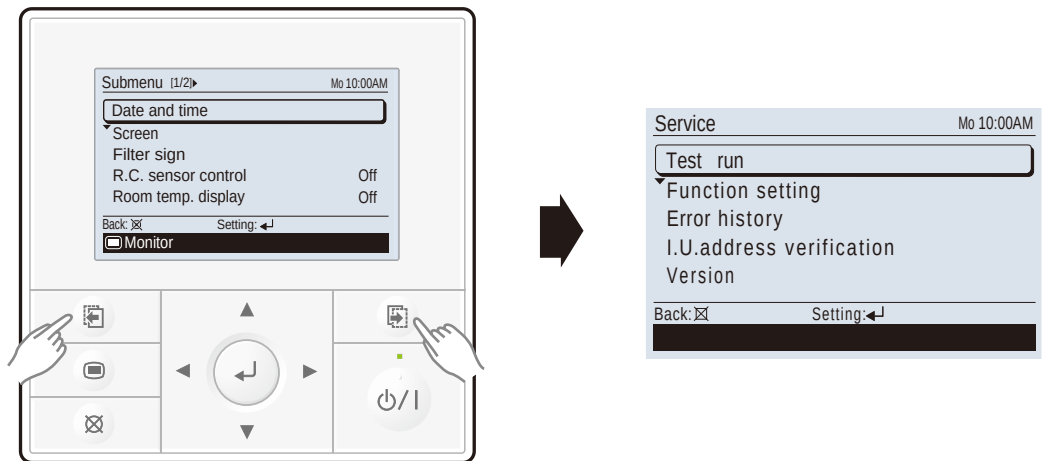
13-3-2. MODEL: UTY-RVN*M

■ SWITCHING SELECTION OF FUNCTION SETTING MODE

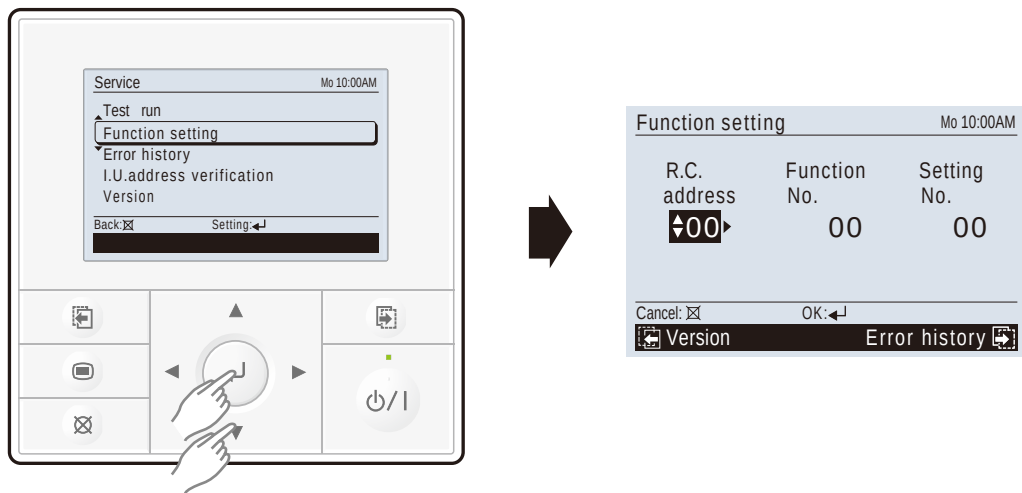
2) When [Menu button] is pressed twice while “Monitor” screen is displayed, it switches to the “Submenu” screen. If [Menu button] is pressed while the “Submenu” screen is displayed, the display returns to the “Monitor” screen.



Press the [Screen switch button (Left)] and [Screen switch button (Right)] simultaneously for 5 seconds to switch to “Service” screen.

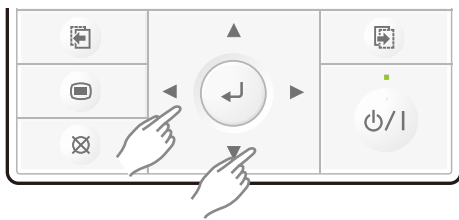


Select [Function setting] with pressing the [Cursor button (Up/Down)], and press the [Enter button].



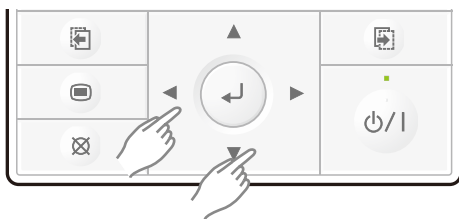
■ FUNCTION SETTING

- 3) Select the [Function No.] by pressing the [Cursor button (Left/Right)], and select the Function No. to be set by pressing the [Cursor button (Up/Down)].



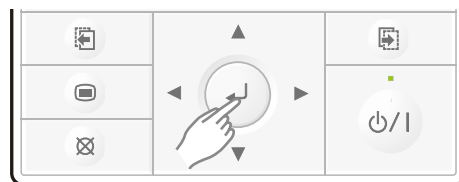
Function setting			Mo 10:00AM
R.C. address	Function No.	Setting No.	
00	◀30▶	00	
Cancel: [X] OK: [Enter]			
Version			Error history

- 4) Select the [Setting No.] by pressing the [Cursor button (Left/Right)], and select the Setting No. to be set by pressing the [Cursor button (Up/Down)].



Function setting			Mo 10:00AM
R.C. address	Function No.	Setting No.	
00	30	◀01▶	
Cancel: [X] OK: [Enter]			
Version			Error history

- 5) Pressing the [Enter button], confirm the setting.
(The data will be transferred to the indoor unit.)



Function setting			Mo 10:00AM
R.C. address	Function No.	Setting No.	
00	30	◀01▶	
Cancel: [X] OK: [Enter]			
Version			Error history

ERROR

GOOD

Function setting			Mo 10:00AM
R.C. address	Function No.	Setting No.	
00	30	◀--▶	
Cancel: [X] OK: [Enter]			
Version			Error history

- When the data was not set up on the indoor unit "--" is displayed.
- Set up the data again according to the procedure in step 3), 4) above.

Function setting			Mo 10:00AM
R.C. address	Function No.	Setting No.	
00	30	◀01▶	
Cancel: [X] OK: [Enter]			
Version			Error history

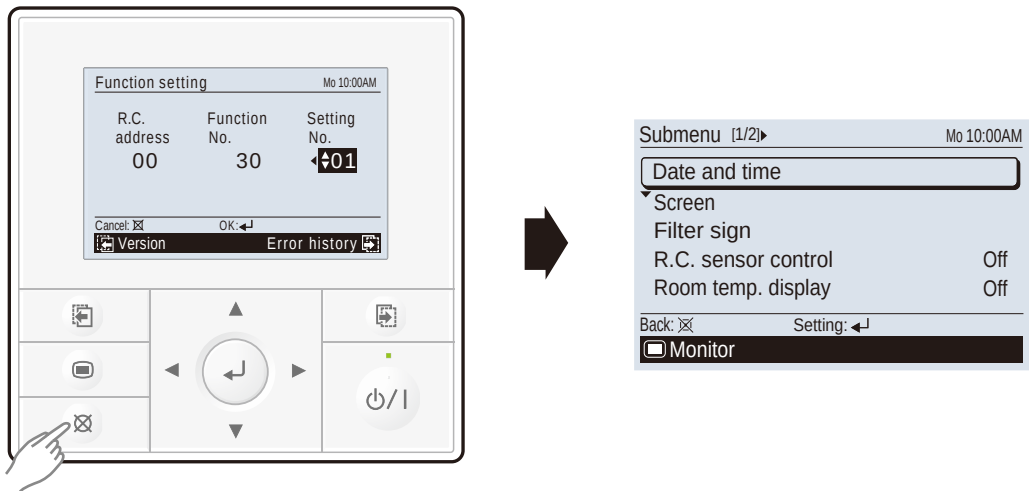
When the data was correctly set up on the indoor unit
(Flashing display changes to illuminated display.)

■ FUNCTION DETAILS

Refer to 13-5. FUNCTION DETAILS

■ COMPLETION OF FUNCTION SETTING MODE

6) When [Cancel button] is pressed twice while “Function setting” screen is displayed, it switches to the “Submenu” screen.



*If no key entry is made for 60 seconds, even though none of the above buttons is pressed, the function setting mode will automatically be cleared.
(If the function setting mode is automatically cleared while setting addresses, activate the mode again according to the procedure in step 2).

■ SETTING UP EACH INDOOR UNIT

Repeat the procedures in steps 1) through 6), and set up the indoor units requiring function setting.

■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

Important

- * If the reset is not performed, function settings cannot be read in normally.
- * After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
After the 2 minutes has passed, power can be restored.
- * The set function is stored in the PCB and will remain in memory even when the power is turned off.
However the function setting are only effective after the power is reset.
Record the function settings of the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.

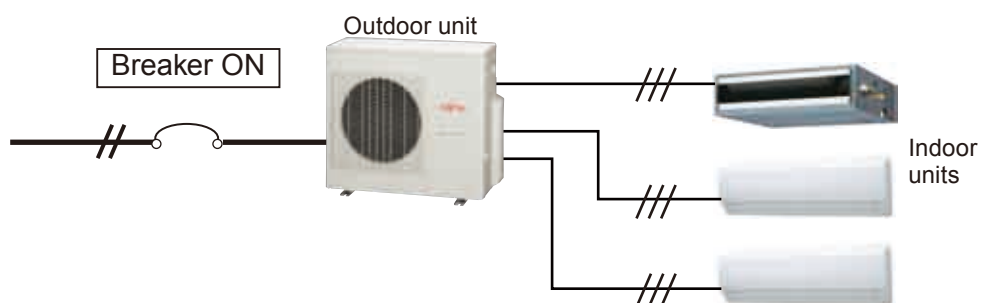
13-4. INDOOR UNIT (setting by simple remote controller)

- The function settings of the control of the indoor unit can be changed by this procedure according to the installation conditions. Incorrect settings can cause the indoor unit to malfunction.
- After the power is turned on, perform the "FUNCTION SETTING" according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function Number and Setting Number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function cannot be used on secondary units.

■ PREPARATION

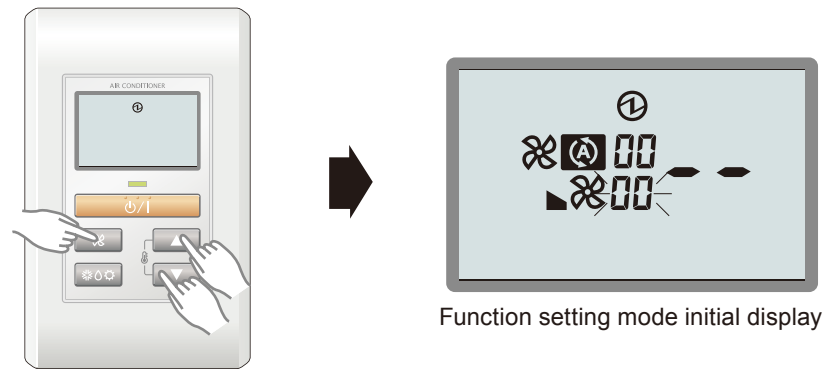
(1) Turn on the power to the Outdoor unit.

- Before turning on the power indoor units, make sure the piping air-tight test and vacuuming have been conducted.
- Also check again to make sure no wiring mistakes were made before turning on the power.



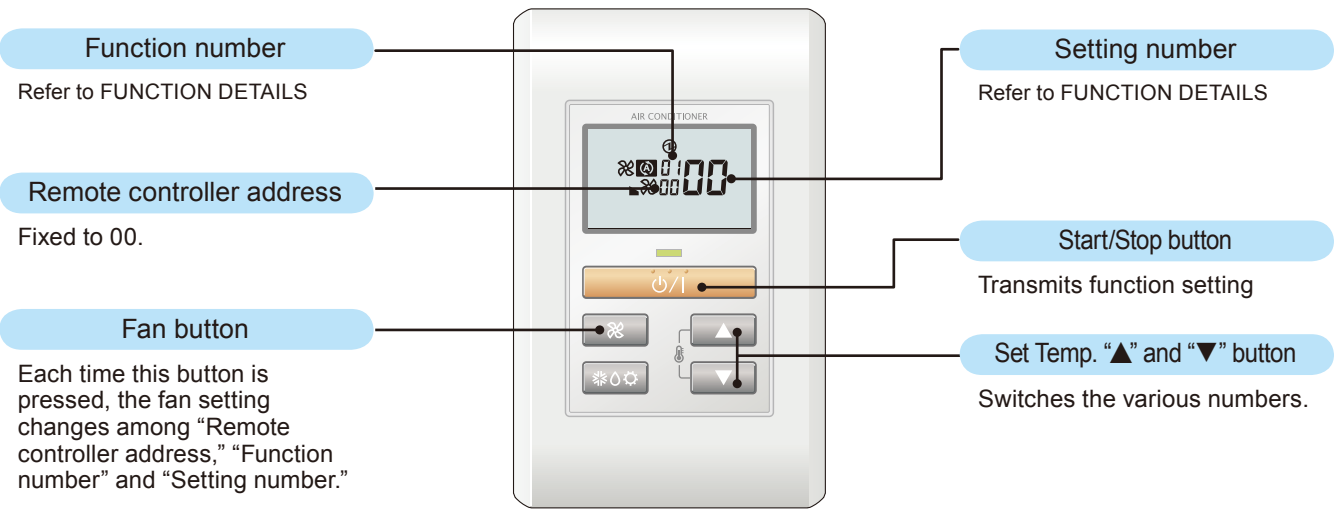
■ SWITCHING SELECTION OF FUNCTION SETTING MODE

2) To activate the function setting mode, hold down the three buttons "Set Temp. ▼", "Set Temp. ▲" and "Fan" at the same time for 5 seconds or longer.



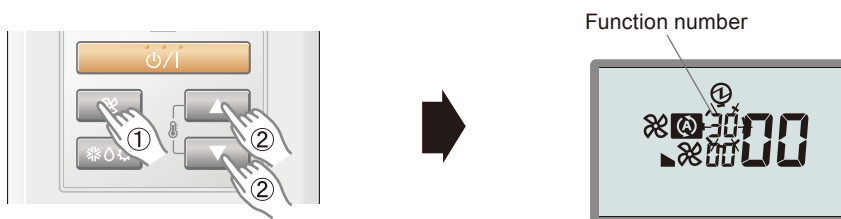
■ BUTTON NAME AND FUNCTION

- During function setting mode, indoor unit will reject any operation command from the remote controller.

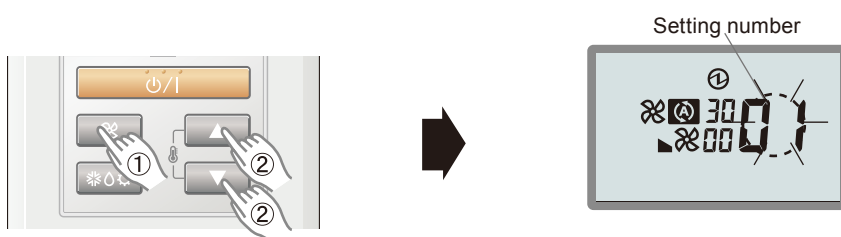


FUNCTION SETTING

- 3) Press the "Fan" button so that the "Function number" display flashes. Then, press either the "Set Temp. ▲" button or the "Set Temp. ▼" button to set up the function number.

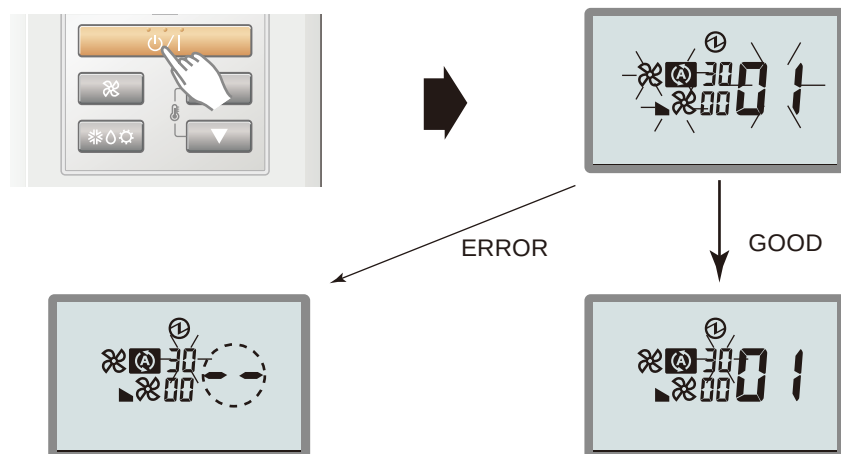


- 4) Press the Fan button so that the "Setting number" display flashes. Then, press either the Set Temp. ▲ button or the Set Temp. ▼ button to set up the setting number.



Ex.) Function number : 30, Setting number : 01

- 5) Pressing the Start/Stop button, confirm the setting.
(The data will be transferred to the indoor unit.)



- When the data was not set up on the indoor unit "--" is displayed.
- Set up the data again according to the procedure in step 3), 4) above.

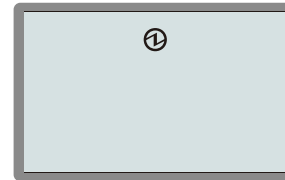
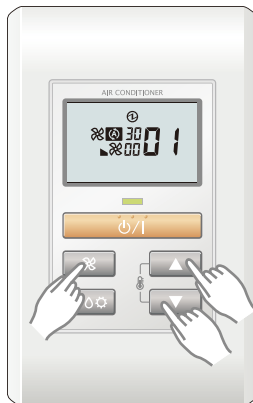
When the data was correctly set up on the indoor unit.

FUNCTION DETAILS

Refer to 13-5. FUNCTION DETAILS

■ COMPLETION OF FUNCTION SETTING MODE

- 6) Press the three buttons "Set Temp. ▲", "Set Temp. ▼" and "Fan" at the same time for 5 seconds or longer. The function setting mode will be cleared and the regular display will be restored.



Normal mode display

*If no key entry is made for 60 seconds, even though none of the above buttons is pressed, the function setting mode will automatically be cleared.

(If the function setting mode is automatically cleared while setting addresses, activate the mode again according to the procedure in step 2).

■ SETTING UP EACH INDOOR UNIT

Repeat the procedures in steps 1) through 6), and set up the indoor units requiring function setting.

■ RESET THE POWER AFTER SETTING UP FUNCTION OF ALL INDOOR UNITS

Important

- * If the reset is not performed, function settings cannot be read in normally.
- * After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
After the 2 minutes has passed, power can be restored.
- * The set function is stored in the PCB and will remain in memory even when the power is turned off.
However, the settings are only effective after the power is reset.
Record the function settings of the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.

13-5. FUNCTION DETAILS

	Functions	Compact cassette	Slim duct	Wall mounted	Floor / Ceiling	Floor
1)	Filter sign	●	●	●	●	●
2)	Ceiling height	●	-	-	●	-
3)	Outlet directions	●	-	-	-	-
4)	Vertical airflow direction range control	-	-	-	-	●
5)	Static pressure	-	●	-	-	-
6)	Room temperature control for cooling	●	●	●	●	●
7)	Room temperature control for heating	●	●	●	●	●
8)	Auto restart	●	●	●	●	●
9)	Room temperature sensor switching	●	●	●	●	●
10)	Remote controller signal code	●	●	●	●	●
11)	External input control	●	●	●	●	●
12)	Indoor unit fan control for energy saving for cooling	●	●	●	●	●

1) Filter sign

Select appropriate intervals for displaying the filter sign on the indoor unit according to the estimated amount of dust in the air of the room.

If the indication is not required, select "No indication" (03).

(◆... Factory setting)

Setting description	Function number	Setting value
Standard	11	00
Long interval		01
Short interval		02
◆ No indication		03

Intervals will differ depending on the Indoor unit type as follows.

Setting description	Comapact Cassette	Slim Duct	Wall Mounted	Floor / Ceiling	Floor
Standard	2500 hours	400 hours			
Long interval	4400 hours	1000 hours			
Short interval	1250 hours	200 hours			

2) Ceiling height

Select the appropriate ceiling height according to the place of installation.

(◆... Factory setting)

Setting description	Function number	Setting value
◆ Standard (2.7 m)	20	00
High ceiling (3.0 m)		01

3) Outlet directions

Select the appropriate number of outlet directions.

(◆... Factory setting)

Setting description	Function number	Setting value
◆ 4-way	22	00
3-way		01

4) Vertical airflow direction range control

In a concealed installation, change the setting to "Fixed" (02) to restrict the movement of the upper air outlet so that the airflow is only towards the horizontal direction.

(◆... Factory setting)

Setting description	Function number	Setting value
◆ Standard	23	00
(Setting prohibited)		01
Fixed (Concealed)		02

5) Static pressure

Select appropriate static pressure according to the installation conditions.

(◆... Factory setting)

Setting description	Function number	Setting value
0 Pa	26	00
10 Pa		01
20 Pa		02
30 Pa		03
40 Pa		04
50 Pa		05
60 Pa		06
70 Pa		07
80 Pa		08
90 Pa		09
◆ 25 Pa [Standard]		31

6) Room temperature control for cooling

Depending on the installed environment, correction of the room temperature sensor may be required.

Select the appropriate control setting according to the installed environment.

(◆... Factory setting)

Setting description	Function number	Setting value
◆ Standard	30	00
Slightly lower control		01
Lower control		02
Higher control		03

In case of Slim duct type and Floor/Ceiling type models: In floor console installations, select "01".

7) Room temperature control for heating

Depending on the installed environment, correction of the room temperature sensor may be required.

Select the appropriate control setting according to the installed environment.

(◆... Factory setting)

Setting description	Function number	Setting value
◆ Standard	31	00
Lower control		01
Slightly higher control		02
Higher control		03

In case of Slim duct type and Floor/Ceiling type models: In floor console installations, select "01".

8) Auto restart

Enable or disable automatic system restart after a power interruption.

(◆... Factory setting)

Setting description	Function number	Setting value
◆ Enable	40	00
Disable		01

*Auto restart is an emergency function such as for power outage etc.

Do not attempt to use this function in normal operation.

Be sure to operate the unit by remote controller or external input device.

9) Room temperature sensor switching

(Only for Wired remote controller)

When using the Wired remote controller temperature sensor, change the setting to "Both" (01).

(◆... Factory setting)

Setting description	Function number	Setting value
◆ Indoor unit	42	00
Both		01

00: Sensor on the indoor unit is active.

01: Sensors on both indoor unit and wired remote controller is active.

10) Remote controller signal code

(Only for wireless remote controller)

The indoor unit signal code can be changed.

Select the appropriate signal code.

(◆... Factory setting)

Setting description	Function number	Setting value
◆ A	44	00
B		01
C		02
D		03

11) External input control

"Operation/Stop" mode or "Forced stop" mode can be selected.

(◆... Factory setting)

Setting description	Function number	Setting value
◆ Operation/Stop mode	46	00
(Setting prohibited)		01
Forced stop mode		02

12) Indoor unit fan control for energy saving for cooling

Enable or disables the power-saving function by controlling the indoor unit fan rotation when the outdoor unit is stopped during cooling operation.

(◆... Factory setting)

Setting description	Function number	Setting value
◆ Disable	49	00
Enable		01

00: When the outdoor unit is stopped, the indoor unit fan operates continuously following the setting on the remote controller.

01: When the outdoor unit is stopped, the indoor unit fan operates intermittently at a very low speed.

13-6. WIRED REMOTE CONTROLLER

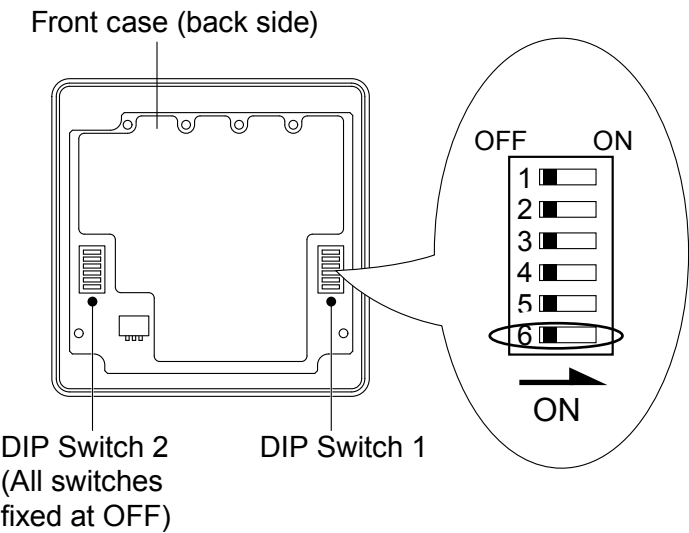
13-6-1. MODEL: UTY-RNN*M

DIP Switch 1	SW1	Prohibited
	SW2	Dual remote controller setting
	SW3	Prohibited
	SW4	°F / °C switch
	SW5	Prohibited
	SW6	Memory backup setting

* Do not use DIP Switch 2

■ SWITCH POSITION

● Wired remote controller



■ DIP SWITCH 1 SETTING

● SW1 setting prohibited

(◆...Factory setting)

	SW1	
◆	OFF	Fixed at OFF
	ON	Setting prohibited

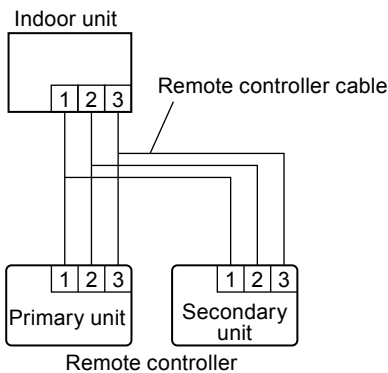
● SW2 setting

● Dual remote controller setting

Set the remote controller SW2 according to the following table.

(◆...Factory setting)

	Number of remote controller	Primary unit	Secondary unit
		SW2	SW2
◆	1 (Normal)	OFF	-
	2 (Dual)	OFF	ON



● SW3 setting prohibited

(◆...Factory setting)

	SW3	
◆	OFF	Fixed at OFF
	ON	Setting prohibited

● SW4 setting

● °F / °C switch

Temperature display is Fahrenheit(°F) / Celsius(°C)

(◆...Factory setting)

	SW4	
◆	OFF	°C
	ON	°F

● SW5 setting prohibited

(◆...Factory setting)

	SW5	
◆	OFF	Fixed at OFF
	ON	Setting prohibited

● SW6 setting

● Memory backup setting

Set to ON to use batteries for the memory backup.

If batteries are not used, all of settings stored in memory will be deleted if there is a power failure.

(◆...Factory setting)

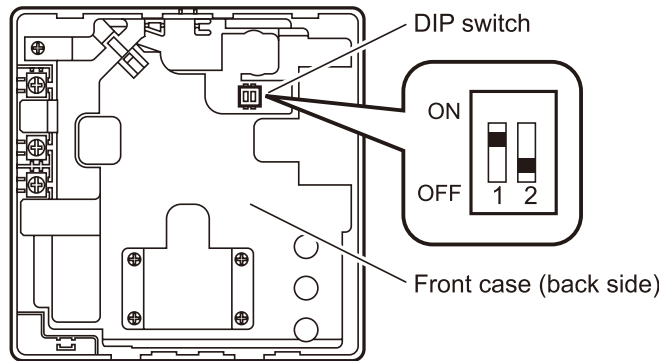
	SW6	Memory backup
◆	OFF	Invalidity
	ON	Validity

13-6-2. MODEL: UTY-RVN*M

DIP Switch	SW1	Memory backup setting
	SW2	Dual remote controller setting

■ SWITCH POSITION

● Wired remote controller



■ DIP SWITCH SETTING

● Memory backup setting

Set to ON to use batteries for the memory backup.

If batteries are not used, all of settings stored in memory will be deleted if there is a power failure.

(◆...Factory setting)

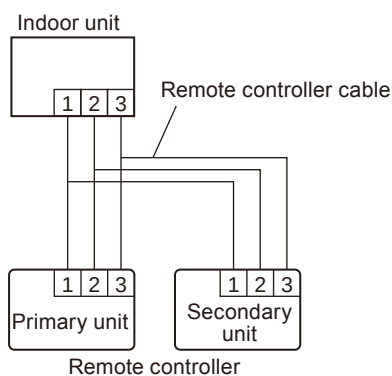
◆	SW1	Memory backup
	OFF	Invalidity
	ON	Validity

● Dual remote controller setting

Set the remote controller SW2 according to the following table.

(◆...Factory setting)

Number of remote controller	Primary unit	Secondary unit
	SW2	SW2
◆ 1 (Normal)	OFF	-
2 (Dual)	OFF	ON

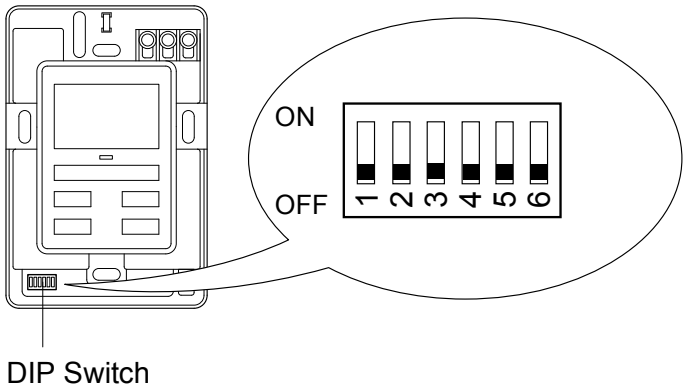


13-7. SIMPLE REMOTE CONTROLLER

DIP Switch	SW1	Prohibited
	SW2	Dual remote controller setting
	SW3	°F / °C switch
	SW4	Prohibited
	SW5	Prohibited
	SW6	Prohibited

■ SWITCH POSITION

● Simple remote controller



■ DIP SWITCH SETTING

● SW1 setting prohibited

(◆...Factory setting)

SW1	
◆ OFF	Fixed at OFF
ON	Setting prohibited

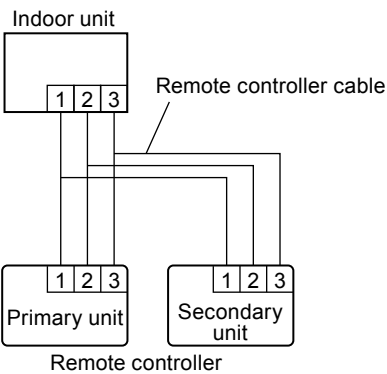
● SW2 setting

● Dual remote controller setting

Set the remote controller SW2 according to the following table.

(◆...Factory setting)

Number of remote controller	Primary unit	Secondary unit
	SW2	SW2
◆ 1 (Normal)	OFF	-
2 (Dual)	OFF	ON



● SW3 setting

● °F / °C switch

Temperature display is Fahrenheit(°F) / Celsius(°C)

(◆...Factory setting)

SW3	
◆ OFF	°C
ON	°F

● SW4 setting prohibited

(◆...Factory setting)

SW4	
◆ OFF	Fixed at OFF
ON	Setting prohibited

● SW5 setting prohibited

(◆...Factory setting)

	SW5	
◆	OFF	Fixed at OFF
	ON	Setting prohibited

● SW6 setting prohibited

(◆...Factory setting)

	SW6	
◆	OFF	Fixed at OFF
	ON	Setting prohibited

14. OPTIONAL PARTS

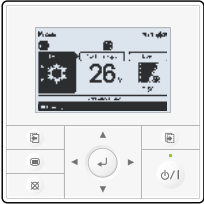
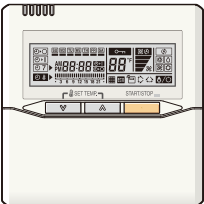
14-1. CONTROLLER

■ LINE UP

Type	Model	Indoor units							
		Compact Cassette	Slim Duct	Wall mounted				Floor / Ceiling	Floor
				LJ	LU	LM	LF		
Wired Remote Controller	UTY-RVN*M	○	○	○ *1	○ *2	○ *3	○	○	○
	UTY-RNN*M	○	●	○ *1	○ *2	○ *3	○	○	○
Wireless Remote Controller	AR-RAH2E	-	-	-	-	-	●	●	-
	AR-RAH1E	●	-	●	-	-	-	-	●
	AR-REA2E	-	-	-	●	-	-	-	-
	AR-REB1E	-	-	-	-	●	-	-	-
IR Receiver Unit	UTY-LRH*M	-	○	-	-	-	-	-	-
Simple Remote Controller	UTY-RSN*M	○	○	○ *1	○ *2	○ *3	○	○	○

- : Accessory, ○: Optional, -: Not applicable.
- *1: Optional Communication kit (UTY-XCBXZ1) is necessary for the installation.
- *2: Optional Communication kit (UTY-TWBXF) is necessary for the installation.
- *3: Optional Communication kit (UTY-XCBXZ2) is necessary for the installation.

■ INDIVIDUAL CONTROL

Wired Remote Controller		Simple Remote Controller	
	UTY-RVN*M		UTY-RNN*M
			UTY-RSN*M
Wireless Remote Controller		IR Receiver Unit	
	AR-RAH2E		UTY-LRH*M
	AR-RAH1E		
	AR-REA2E		
	AR-REB1E		

14-2. OTHERS

■ LINE UP

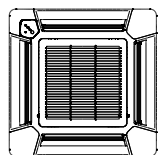
Type	Model	Indoor units							
		Compact Cassette	Slim Duct	Wall mounted				Floor / Ceiling	Floor
				LJ	LU	LM	LF		
Cassette grille	UTG-UF*D-W	○	-	-	-	-	-	-	-
Air outlet shutter plate	UTR-YDZB	○	-	-	-	-	-	-	-
Insulation kit for high humidity	UTZ-KXGC	○	-	-	-	-	-	-	-
Fresh air intake kit	UTZ-VXAA	○	-	-	-	-	-	-	-
External control set	UTD-ECS5A	-	○	-	-	-	-	-	-
External connect kit	UTY-XWZX	○	-	○ *1	-	-	○	○	○
	UTY-XWZXZ5	-	-	-	○ *2	○ *3	-	-	-
Remote sensor unit	UTY-XSZX	-	○	-	-	-	-	-	-
Auto louver grille kit	UTD-GXSA-W UTD-GXSB-W	-	○	-	-	-	-	-	-
Communication kit	UTY-XCBXZ1	-	-	○	-	-	-	-	-
	UTY-XCBXZ2	-	-	-	-	○	-	-	-
	UTY-TWBXF	-	-	-	○		-	-	-
Half concealed kit	UTR-STA	-	-	-	-		-	-	○

- : Optional, -: It is not possible to connect it.
- *1: Optional Communication kit (UTY-XCBXZ1) is necessary for the installation.
- *2: Optional Communication kit (UTY-TWBXF) is necessary for the installation.
- *3: Optional Communication kit (UTY-XCBXZ2) is necessary for installation.

■ PARTS

Cassette grille

Model : UTG-UF*D-W



For Compact Cassette type

Air outlet shutter plate

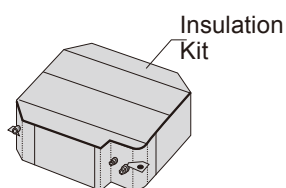
Models : UTR-YDZB



For Compact Cassette type

Insulation kit for high humidity

Model : UTZ-KXGC



For Compact Cassette type

Fresh air intake kit

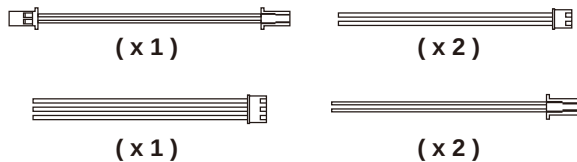
Model : UTZ-VXAA



For Compact Cassette type

External control set

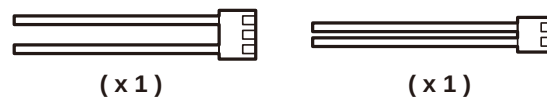
Model : UTD-ECS5A



For Slim Duct type

External connect kit

Model : UTY-XWZX



For Compact Cassette, Wall Mounted (LJ, LF),
Floor / Ceiling, Floor type

External connect kit

Model : UTY-XWZXZ5



For Wall Mounted (LU, LM) type

Remote sensor unit

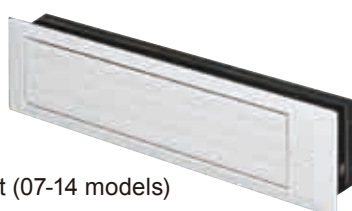
Model : UTY-XSZX



For Slim Duct type

Auto louver grille kit

Models : UTD-GXSA-W *1
UTD-GXSB-W *2



*1 For Slim Duct (07-14 models)

*2 For Slim Duct (18 model)

Communication kit

Model : UTY-XCBXZ1

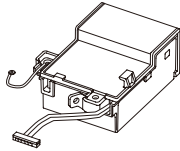


For Wall mounted (LJ) type

■ PARTS

Communication kit

Model : UTY-XCBXZ2



For Wall Mounted (LM) type

Communication kit

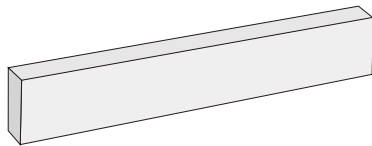
Model : UTY-TWBXF



For Wall mounted (LU) type

Half concealed kit

Model : UTR-STA



For Floor type

15. INSTALLATION PRECAUTIONS

15-1. INDOOR UNIT INSTALLATION PRECAUTIONS

Note: The information listed below are general precautions.
Some models also include items that do not apply.

■ PLACES WHERE USE IS PROHIBITED

- Places where there is danger of combustible gas leakage.
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated
- Places where there is a lot of oil splash and steam (kitchen, machinery room, etc.)
- Places where machinery which generates high frequencies is used
- Ocean beaches and other areas where there is a lot of salt
- Places where carbon fibers and metal powder, powder, etc. is suspended in the air
- Installation in vehicles, ships, and other conveyances
- Factory, etc. where voltage fluctuations are large

■ POINTS TO REMEMBER WHEN INSTALLING

- (1) The set shall be installed at a place which can withstand the weight and vibration of the indoor unit
- (2) To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space and an inspection port, as required.
*Installation service space is shown on " DIMENSIONS ".
- (3) Be careful when installing the set at the following places.

[Installation precautions]

	Contents	Countermeasures (Reference)
When the ceiling is high	If the indoor unit is installed where the installation height given in the installation manual is exceeded, the temperature difference between the floor and ceiling of the room will be large and the heating effect will be poor. Moreover, even if the indoor unit is installed within the installation height, a similar phenomena will occur when installed in a room in which the doors are opened and closed frequently and hot air circulation is obstructed by desks, chairs, etc.	(1) Switch the setting to the high ceiling mode. (2) Install a circulator. (3) Arrange the furniture in the room so that it does not obstruct the hot air.
When lower level is in direct contact with outside air.	When the lower level of shops and offices is a warehouse, parking lot, etc., the surface temperature of the flooring will become low and cold radiation from the floor will increase. In this case, your feet will feel cold even if the room temperature is suitable.	
When the air flow distribution is poor	When an indoor unit is installed in a position where the outlet air flow will directly contact people, a draft may be felt. In addition, when there are obstructions in the path of the intake and outlet air flow, the air distribution may become extremely bad.	(1) Adjust the louver fins or take other measures matched to the site. (2) Change the indoor unit outlet.

[Installation precautions]

	Contents	Countermeasures (Reference)
When the temperature and humidity inside the ceiling is high	When the indoor unit is installed where the inside of the ceiling is 30°C (86°F) RH80% or greater, the dew point temperature of the outer perimeter may become higher than the cabinet surface temperature and moisture will condense on the surface of the cabinet and water drops may fall inside the room. →Refer to Fig.A In addition, the humidity may vary considerably the same as when the inside of the ceiling is close to hermetically sealed and used as the outside air intake path.	(1) Add heat insulating material to the outside of the indoor unit cabinet. *Regarding the cassette type, use of the “high humidity correspondence kit (option)” is recommended. (2) Strengthen the heat insulating material of the refrigerant piping and drain piping also →Refer to Fig.B (3) When the humidity inside the ceiling changes considerably, install a ventilation port

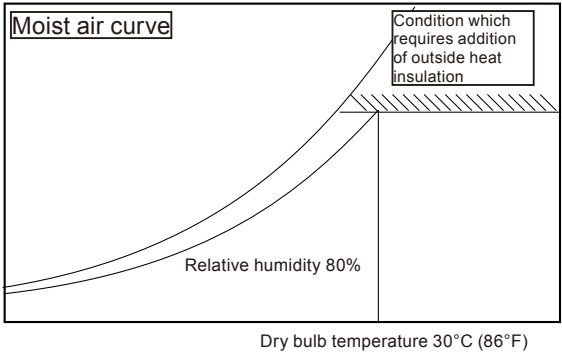


Fig.A

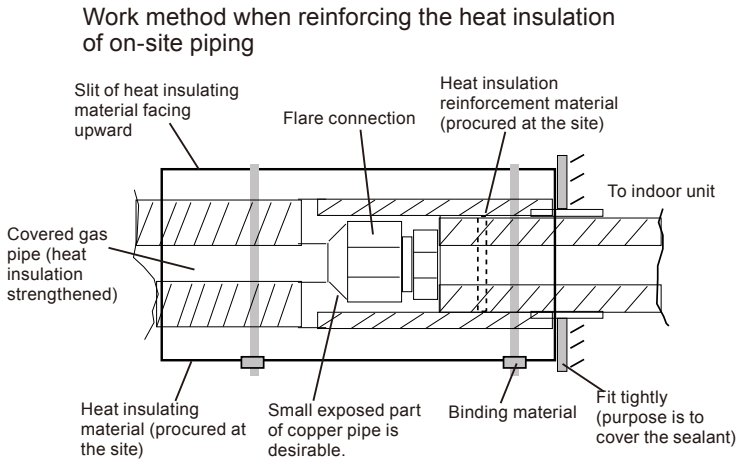


Fig.B

	Contents	Countermeasures (Reference)
When using an external duct	When using an external duct to take in new fresh air, etc., condensation may form on the surface of the duct due to the effect of the outside air temperature and the humidity inside the ceiling.	(1) Always perform heat insulation processing. (Heat insulating material: Glass wool 25mm (31/32 in.) thickness or more.)
When the remote controller installation is in an unsuitable place	If the cold or warm air blowing out from the air conditioner directly contacts the thermostat section of the remote controller, the outlet temperature of the air conditioner may be detected. Since the room temperature control will be based differently from the room temperature, troubles such as “not cooling” or “not heating”, etc. may occur. In addition, there is the possibility that the same kind of trouble may also occur when the remote controller is effected by direct sunlight.	(1) Install the remote controller where it will not be directly exposed to the cold or hot air. (2) Install the remote controller where it will not be directly exposed to sunlight or strong lighting

[Installation precautions]

	Contents	Countermeasures (Reference)
When the installation environment is quiet	When the Wall mounted type is installed in a bedroom, living room, or other quiet places, the sound of the refrigerant flow may be sensed as noise and must be taken into account.	(1) Plan installation of a model with external expansion valve. (2) Plan installation of a branch box farther from indoor unit. (3) Plan installation using another air conditioner.
When installing the duct type in a ceiling chamber system	In the case of the ceiling chamber system (duct is not installed at indoor unit inlet side and room air is sucked into the indoor unit through the inside of the ceiling), the thermistor inside the indoor unit may not correctly detect the room temperature. Heating operation: Room is not heated because the indoor unit is easily turned off by the thermostat. Cooling operation: Room is too cold because the indoor unit is difficult to turn off by the thermostat.	(1) Replace the indoor unit thermistor with a Remote sensor unit (optional parts) and install the sensor where the room temperature can be correctly detected
When the outlet air is sucked in at duct type	Cooling operation does not cool the room and heating operation does not heat the room because the short circuited indoor unit is not turned on by the thermostat.	(1) Reconsider the ventilation port construction (2) Replace the indoor unit thermistor with a Remote sensor unit (optional parts) and install the sensor where the room temperature can be correctly detected.
When using the wireless remote controller	Signals may not be received when using it in a room illuminated by an inverter fluorescent lamp.	(1) Turn on the fluorescent lamp and check if the indoor unit receives the signals from the remote controller. If the indoor unit does not receive the signals, consult an authorized service personnel.
When installing the inverter type	It may generate noise in TV sets, stereos and PCs.	(1) The inverter type should be installed at a sufficient distance from these equipments.

2. OUTDOOR UNIT (2 ROOMS TYPE)

MULTI TYPE :

AO*G14LAC2

AO*G18LAC2

CONTENTS

2. OUTDOOR UNIT (2 ROOMS TYPE)

1.	SPECIFICATIONS	02 - 01
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1. SPECIFICATIONS

The following performance is a value at standard combinations.

■ STANDARD COMBINATION

AO*G14LAC2 : AS*G07LJCA + AS*G07LJCA

AO*G18LAC2 : AS*G09LJCA + AS*G09LJCA

Type				INVERTER MULTI MODELS	
				HEAT PUMP TYPE	
Model name				AO*G14LAC2	AO*G18LAC2
Power source				230V ~ 50Hz	
Available voltage range				198-264V ~ 50Hz	
Capacity	Cooling	Rated	kW	4.0	5.0
			Btu/h	13600	17100
		Min. - Max.	kW	1.4 - 4.4	1.7 - 5.6
	Btu/h		4700 - 15000	5800 - 19100	
	Heating		Rated	kW	4.4
		Btu/h		15000	19100
Min. - Max.		kW	1.1 - 5.4	1.8 - 6.1	
	Btu/h	3700 - 18400	6100 - 20800		
Input power	Cooling	Rated	kW	1.09	1.56
		Max.		1.40	1.95
	Heating	Rated		1.03	1.41
		Max.		1.78	1.90
Current	Cooling	Rated	A	5.1	6.9
	Heating			4.9	6.3
EER	Cooling	Rated	kW/kW	3.67	3.21
COP	Heating			4.27	3.97
Starting current			A	5.1	6.9
Maximum operating current			A	10.0	12.0
Fan	Airflow rate	Cooling	m³/h	1850	2050
		Heating		1850	2050
	Type x Q'ty		Propeller × 1		
	Motor output		W	50	
Sound pressure level	Cooling		dB(A)	47	50
	Heating			49	51
Heat exchanger type	Dimension (H × W × D)		mm	504 × 850 × 36.4	
	Fin pitch			1.4	
	Rows x Stages		2 × 24		
	Pipe type		Copper tube		
	Fin type		Aluminium		
Compressor	Type x Q'ty		DC ROTARY × 1		DC TWIN ROTARY × 1
	Motor output		W	750	900
Refrigerant	Type (Global Warming Potential)		R410A (1975)		
	Charge		g	1250	1300
Refrigerant oil	Type		POE		
Enclosure	Material		Steel sheet		
	Colour		BEIGE (Approximate colour of MUNSELL 10YR7.5 / 1.0NN)		
Dimensions (H × W × D)	Net		mm	540 × 790 × 290	
	Gross			648 × 910 × 380	
Weight	Net		kg	37	38
	Gross			41	42
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4 in.) × 2	
		Gas		Ø9.52 (Ø3/8 in.) × 2	Ø9.52 (Ø3/8in.) × 2, [Ø12.70 (Ø1/2in.)] *1
	Method			Flare	
	Pre-charge length (Total)		m	20	
	Max. length (Total)			30	
	Max. length (Each)			20	
	Min. length (Total)			6	
	Min. length (Each)			3	
	Max. height difference between Outdoor Unit and each Indoor Units.			15	
Max. height difference between Indoor Units.		10			
Operation range	Cooling		°C	10 to 46	
	Heating			-15 to 24	

*1: Connect to connection valve by the adapter

Note :

Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB. and outdoor temperature of 35°CDB / 24°CWB.

Heating : Indoor temperature of 20°CDB / 15°CWB. and outdoor temperature of 7°CDB / 6°CWB.

Pipe length : 5m, Height difference : 0m. (Outdoor unit - indoor unit)

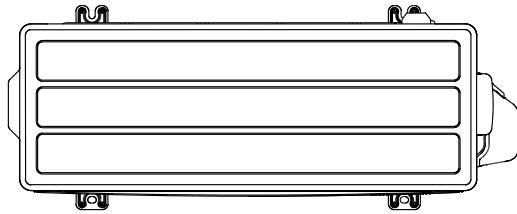
The protective function might work when using it outside the operation range.

Model name				AO*G14LAC2		AO*G18LAC2	
Energy efficiency class	Cooling			A++		A++	
	Heating (Average)			A+		A+	
Pdesign	Cooling	kW		4.0 (35°C)		5.0 (35°C)	
	Heating (Average)			3.8 (-10°C)		4.2 (-10°C)	
SEER	Cooling	kWh/kWh		6.70		6.60	
SCOP	Heating (Average)			4.10		4.10	
Annual energy consumption	QCE		kWh/a	209		265	
	QHE (Average)			1296		1434	
Sound power level	Cooling	High	dB (A)	61		63	
	Heating			63		64	

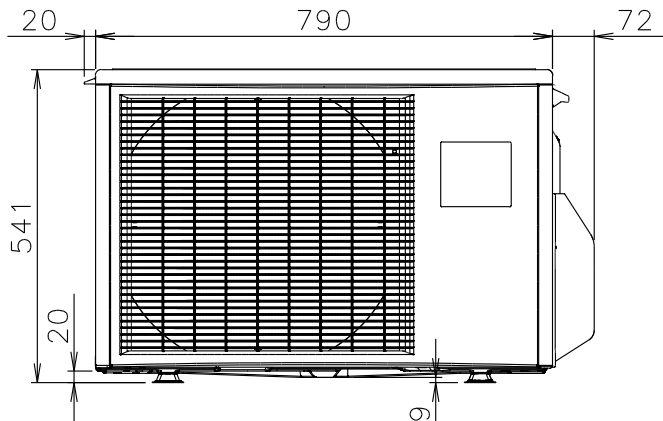
2. DIMENSIONS

■ MODEL: AO*G14L2, AO*G18L2

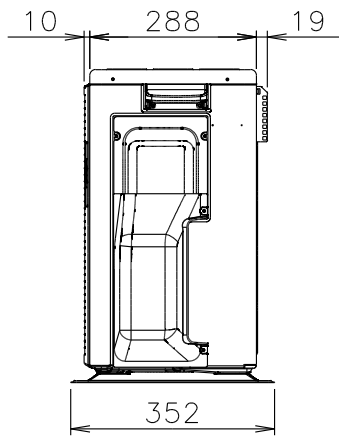
(Unit : mm)



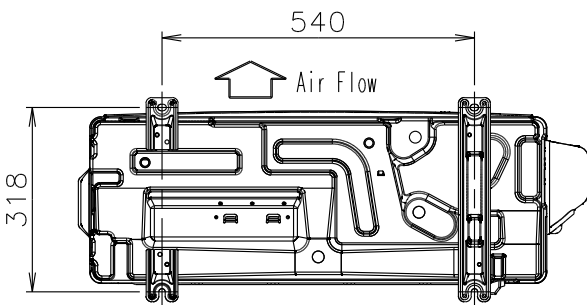
Top view



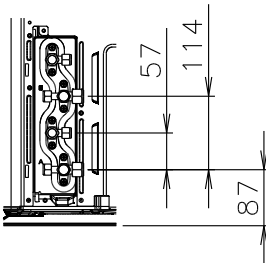
Front view



Side view



Bottom view



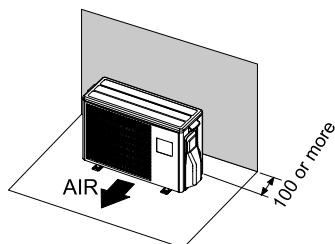
OUTDOOR UNIT
AO*G14-18L2

OUTDOOR UNIT
AO*G14-18L2

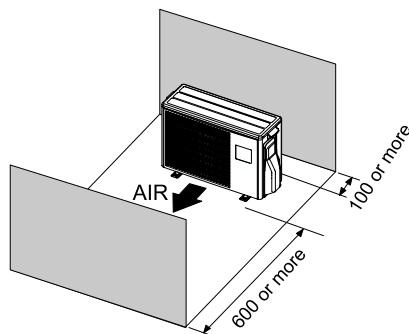
■ INSTALLATION PLACE

(Unit : mm)

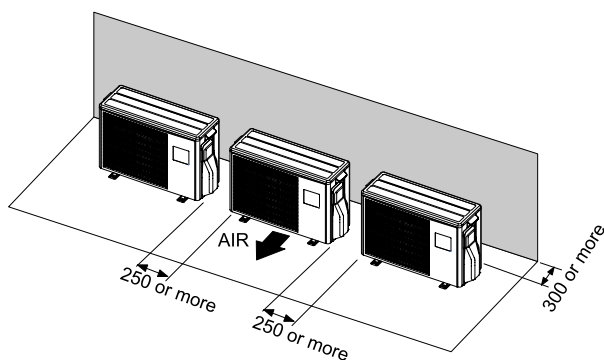
When there are obstacles at the back side.



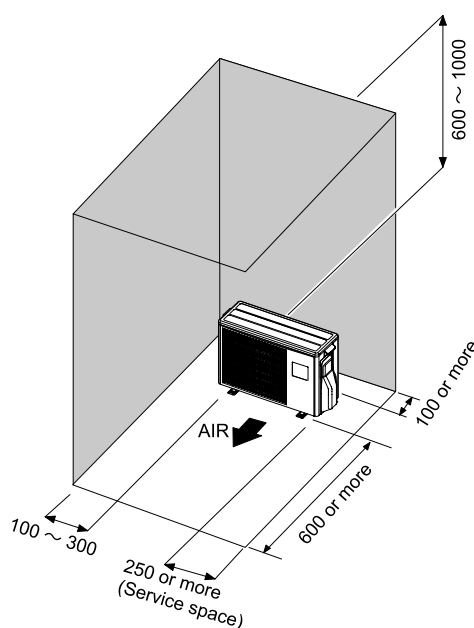
When there are obstacles at the back or front sides.



When there are obstacles at the back, side(s), and top.



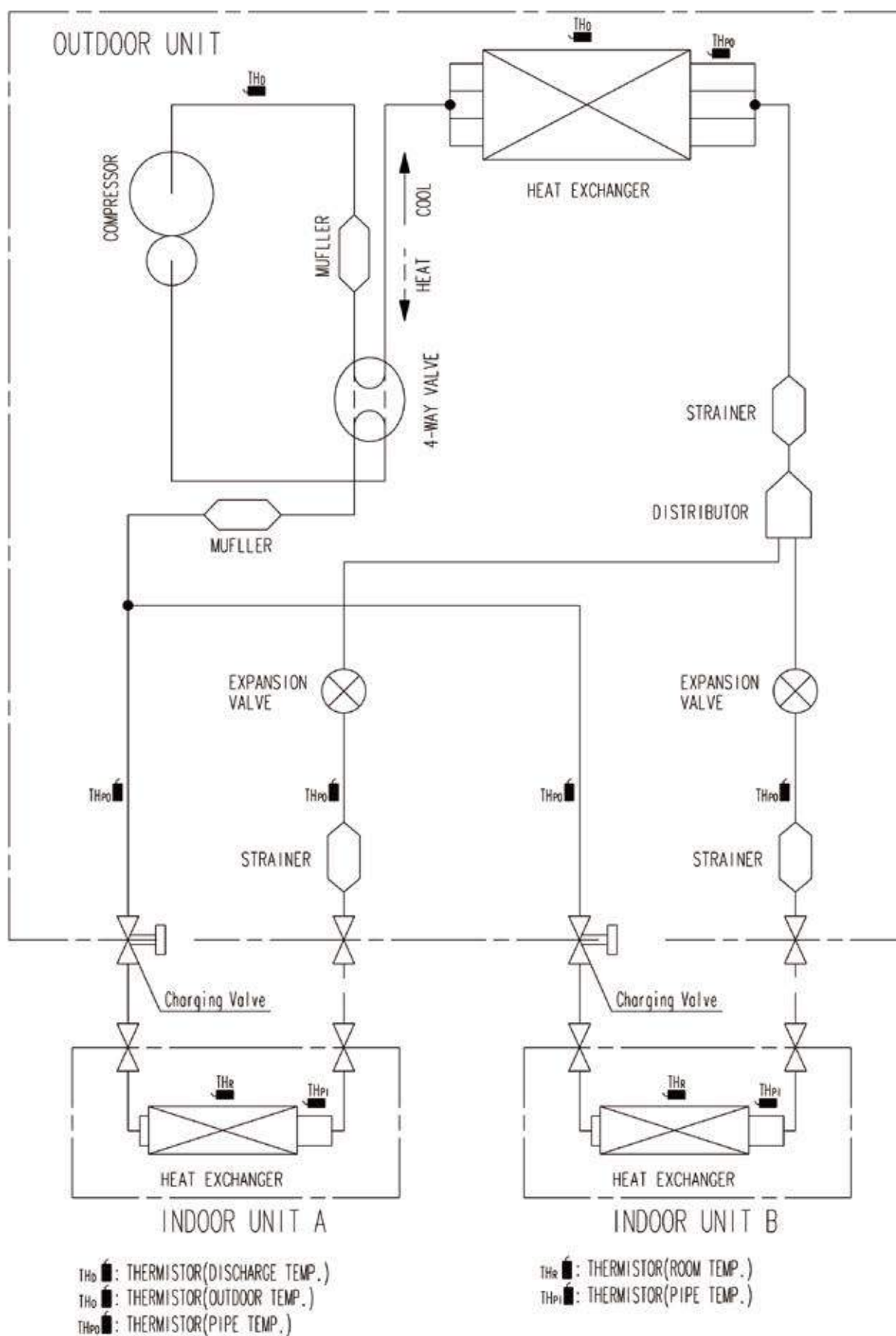
When there are obstacles at the back, side with the installation of more than one unit.



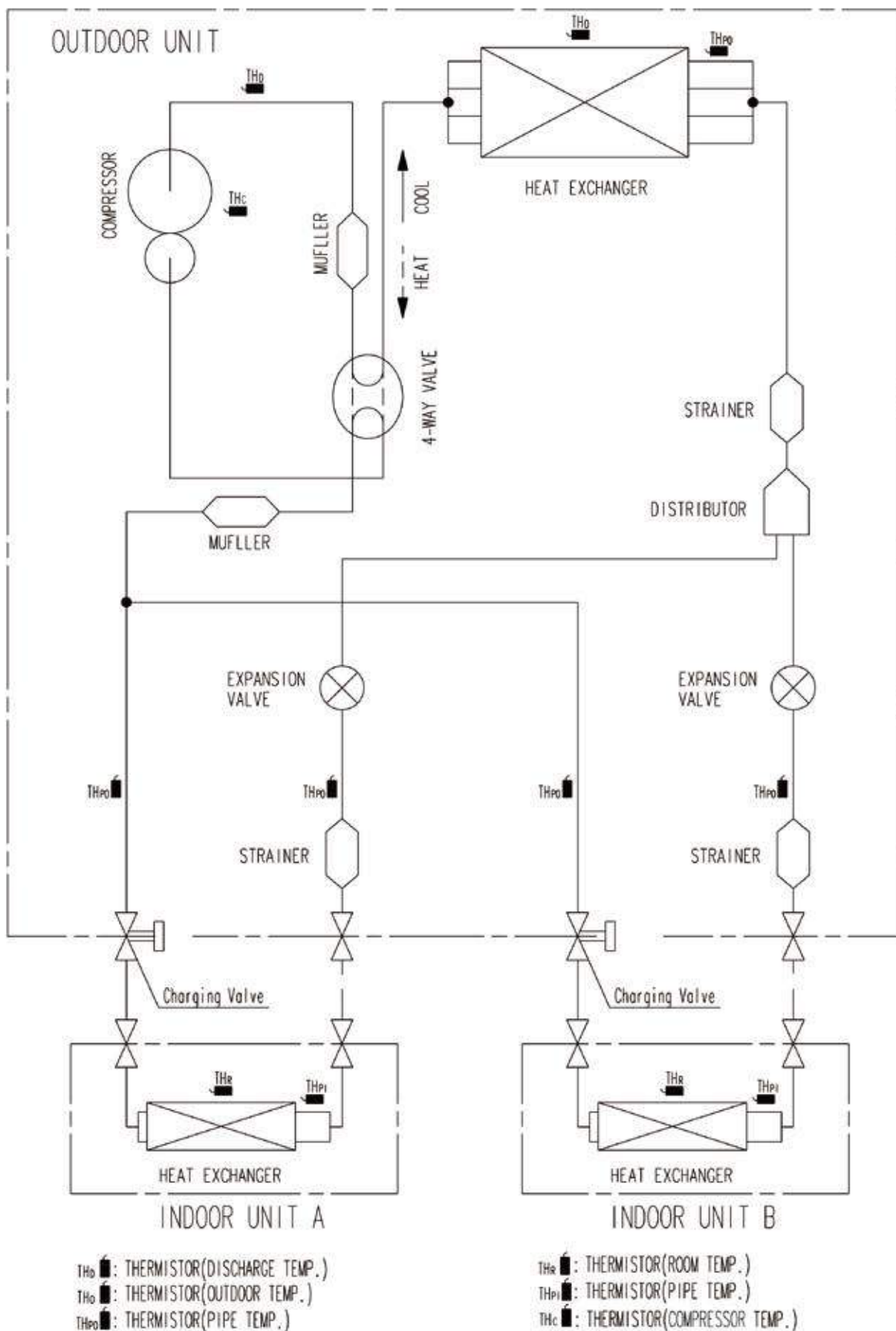
*If the space is larger than that is stated, the condition will be the same as that of no obstacles.

3. REFRIGERANT CIRCUIT

■ MODEL: AO*G14L2

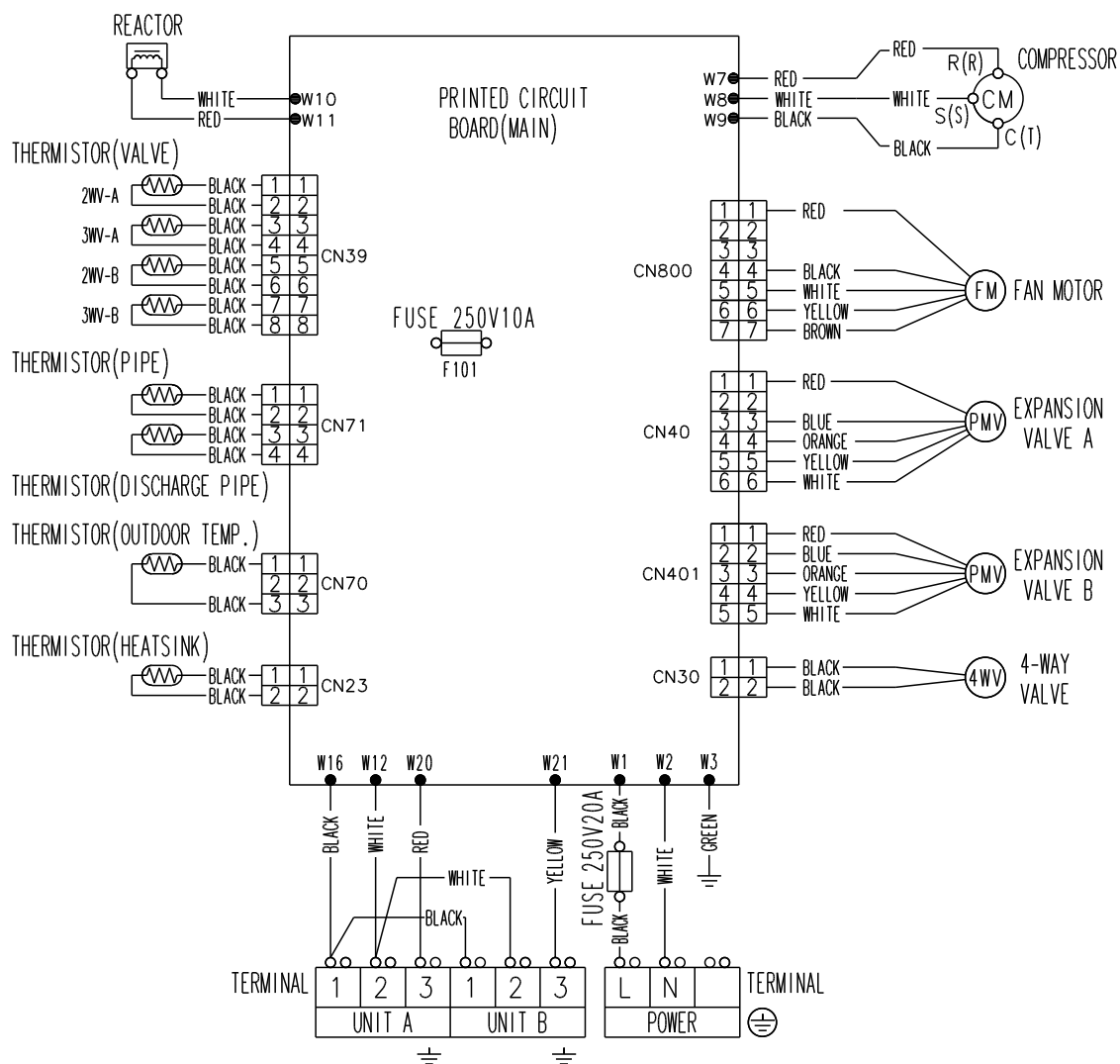


■ MODEL: AO*G18L2



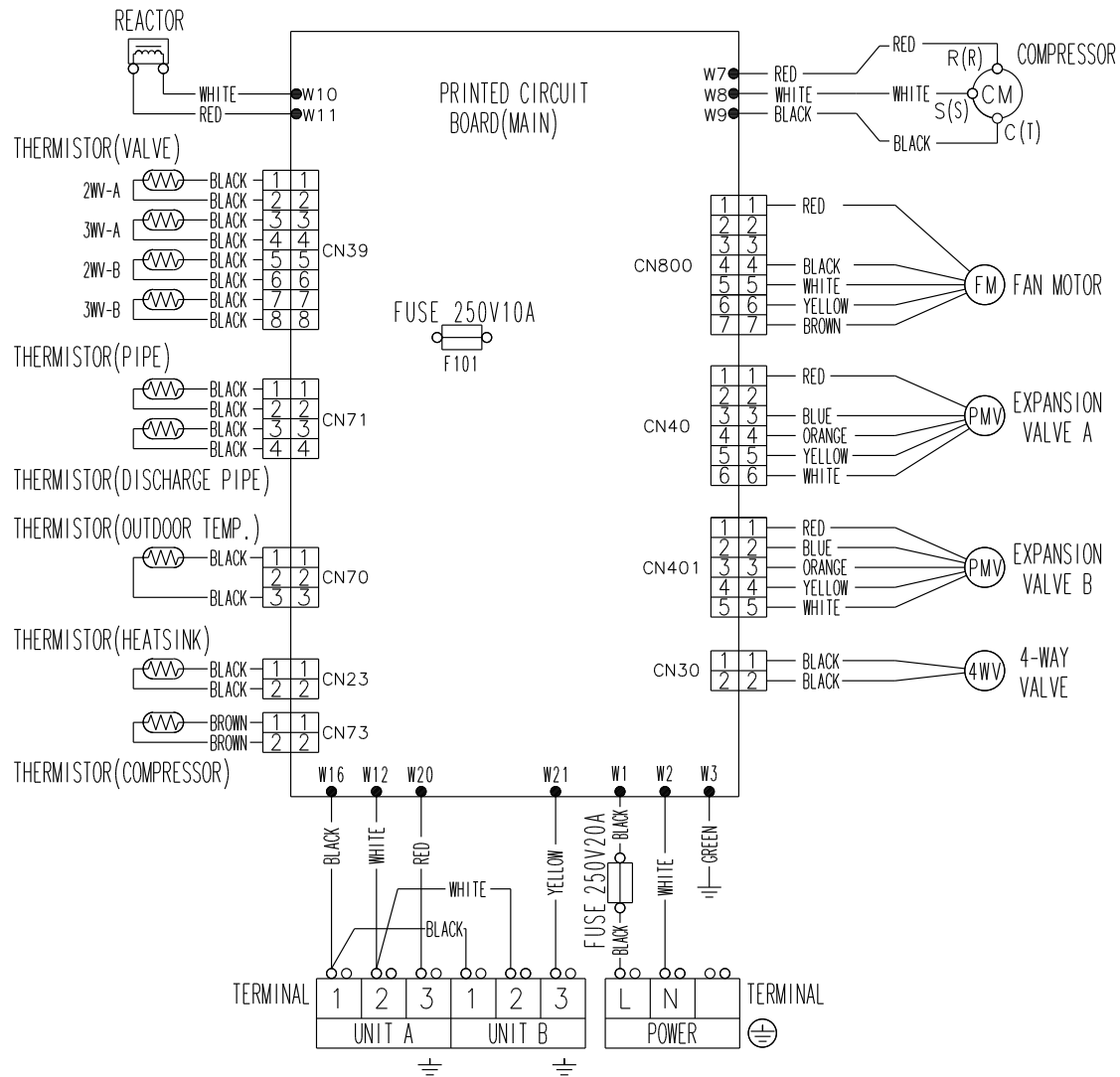
4. WIRING DIAGRAMS

■ MODEL: AO*G14L2



■ MODEL: AO*G18L2

OUTDOOR UNIT
AO*G14-18L2



OUTDOOR UNIT
AO*G14-18L2

5. CAPACITY TABLE

5-1. COMBINATIONS

■ MODEL: AO*G14L2

● Cooling

	Combination of Indoor Unit		COOLING OPERATION							
			Cooling Capacity			Input Power (min-max)	EER	Seasonal Data		
			Room 1	Room 2	Total Capacity (min-max)			Pdesign	SEER	Energy Efficiency Class
			kW	kW	kW			kW		
2 Room	7	7	2.00	2.00	4.00 (1.4 - 4.4)	1.09 (0.35 - 1.40)	3.67	4.0	6.7	A++
	7	9	1.95	2.05	4.00 (1.4 - 4.4)	1.09 (0.35 - 1.40)	3.67	4.0	6.6	A++
	7	12	1.65	2.35	4.00 (1.4 - 4.6)	1.05 (0.35 - 1.47)	3.81	4.0	6.5	A++
	9	9	2.00	2.00	4.00 (1.4 - 4.5)	1.09 (0.35 - 1.43)	3.67	4.0	6.6	A++
	9	12	1.70	2.30	4.00 (1.4 - 4.7)	1.05 (0.35 - 1.47)	3.81	4.0	6.5	A++

● Heating

	Combination of Indoor Unit		HEATING OPERATION							
			Heating Capacity			Input Power (min-max)	COP	Seasonal Data		
			Room 1	Room 2	Total Capacity (min-max)			Pdesign	SCOP	Energy Efficiency Class
			kW	kW	kW			kW		
2 Room	7	7	2.20	2.20	4.40 (1.1 - 5.4)	1.03 (0.25 - 1.78)	4.27	3.8	4.1	A+
	7	9	2.15	2.25	4.40 (1.1 - 5.4)	1.03 (0.25 - 1.78)	4.27	3.8	4.1	A+
	7	12	1.95	2.45	4.40 (1.1 - 5.5)	1.02 (0.25 - 1.76)	4.31	3.8	4.0	A+
	9	9	2.20	2.20	4.40 (1.1 - 5.4)	1.03 (0.25 - 1.78)	4.27	3.8	4.0	A+
	9	12	2.00	2.40	4.40 (1.1 - 5.5)	1.02 (0.25 - 1.76)	4.31	3.8	4.0	A+

Notes:

- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB / 19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB / 6 °CWB (outdoor temperature).
- Pipe length :5m, Height difference :0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 21000 Btu from 14000 Btu.

MODEL: AO*G18L2

● Cooling

	Combination of Indoor Unit		COOLING OPERATION							
			Cooling Capacity			Input Power (min-max)	EER	Seasonal Data		
			Room 1	Room 2	Total Capacity (min-max)			Pdesign	SEER	Energy Efficiency Class
			kW	kW	kW					
2 Room	7	7	2.10	2.10	4.20 (1.7 - 5.2)	1.24 (0.35 - 1.68)	3.39	4.2	7.0	A++
	7	9	2.10	2.50	4.60 (1.7 - 5.3)	1.26 (0.35 - 1.79)	3.65	4.6	6.8	A++
	7	12	1.90	3.10	5.00 (1.7 - 5.6)	1.55 (0.35 - 1.95)	3.23	5.0	6.5	A++
	7	14	1.80	3.20	5.00 (1.8 - 5.7)	1.55 (0.40 - 1.99)	3.23	5.0	6.5	A++
	9	9	2.50	2.50	5.00 (1.7 - 5.6)	1.56 (0.35 - 1.95)	3.21	5.0	6.6	A++
	9	12	2.10	2.90	5.00 (1.7 - 5.7)	1.55 (0.35 - 1.95)	3.23	5.0	6.5	A++
	9	14	2.00	3.00	5.00 (1.8 - 5.8)	1.55 (0.40 - 1.99)	3.23	5.0	6.4	A++
	12	12	2.50	2.50	5.00 (1.7 - 5.8)	1.56 (0.35 - 1.99)	3.21	5.0	6.4	A++

● Heating

	Combination of Indoor Unit		HEATING OPERATION							
			Heating Capacity			Input Power (min-max)	COP	Seasonal Data		
			Room 1	Room 2	Total Capacity (min-max)			Pdesign	SCOP	Energy Efficiency Class
			kW	kW	kW					
2 Room	7	7	2.70	2.70	5.40 (1.8 - 6.0)	1.24 (0.50 - 1.61)	4.37	3.8	4.1	A+
	7	9	2.50	3.00	5.50 (1.8 - 6.0)	1.36 (0.50 - 1.87)	4.04	4.0	4.1	A+
	7	12	2.30	3.30	5.60 (1.8 - 6.1)	1.38 (0.50 - 1.88)	4.06	4.2	4.0	A+
	7	14	2.25	3.35	5.60 (1.9 - 6.2)	1.35 (0.55 - 1.86)	4.15	4.2	4.0	A+
	9	9	2.80	2.80	5.60 (1.8 - 6.1)	1.41 (0.50 - 1.90)	3.97	4.2	4.1	A+
	9	12	2.45	3.15	5.60 (1.8 - 6.2)	1.38 (0.50 - 1.88)	4.07	4.2	4.0	A+
	9	14	2.35	3.25	5.60 (1.9 - 6.3)	1.35 (0.55 - 1.86)	4.15	4.2	4.0	A+
	12	12	2.80	2.80	5.60 (1.8 - 6.3)	1.34 (0.50 - 1.84)	4.18	4.2	4.0	A+

Notes:

- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h, 14: 14000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB / 19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB / 6 °CWB (outdoor temperature).
- Pipe length :5m, Height difference :0m. (Outdoor unit to indoor unit)
- The total capacity of connected a indoor unit is up to 24000 Btu from 14000 Btu.
- Where "14" means "Wall Mounted type" only models. Other types of indoor units can not be connected.

5-2. COOLING CAPACITY

This table is created using the maximum capacity.

Note: 2 or more indoor units should be connected.

■ MODEL : AO*G14L2

● Indoor unit : 7000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
7	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	1.62	0.35	1.80	0.36	1.87	0.36	1.99	0.36	2.05	0.36	2.17	0.37	2.23	0.37	2.30	0.37
		15	1.51	0.40	1.68	0.40	1.74	0.40	1.85	0.41	1.91	0.41	2.03	0.41	2.08	0.42	2.14	0.42
		20	1.74	0.46	1.94	0.47	2.01	0.47	2.14	0.48	2.21	0.48	2.34	0.48	2.41	0.49	2.47	0.49
		25	1.79	0.47	2.00	0.47	2.06	0.47	2.20	0.48	2.27	0.48	2.40	0.49	2.47	0.49	2.54	0.49
		30	2.16	0.75	2.41	0.76	2.49	0.76	2.65	0.77	2.73	0.77	2.90	0.78	2.98	0.78	3.06	0.79
		35	2.13	0.73	2.38	0.74	2.46	0.75	2.62	0.76	2.70	0.76	2.86	0.77	2.94	0.77	3.02	0.78
		40	2.01	0.82	2.24	0.83	2.32	0.83	2.47	0.84	2.55	0.85	2.70	0.85	2.78	0.86	2.86	0.86
		46	1.93	0.93	2.15	0.95	2.23	0.95	2.37	0.96	2.45	0.97	2.59	0.98	2.67	0.98	2.74	0.98

● Indoor unit : 9000Btu

		Indoor temperature																	
		°CDB		18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB		12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
9	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	
		10	1.78	0.45	1.99	0.46	2.06	0.46	2.19	0.47	2.26	0.47	2.39	0.47	2.46	0.48	2.53	0.48	
		15	1.65	0.50	1.84	0.51	1.91	0.51	2.03	0.52	2.09	0.52	2.22	0.52	2.28	0.53	2.35	0.53	
		20	2.44	0.75	2.72	0.76	2.81	0.76	2.99	0.77	3.09	0.77	3.27	0.78	3.36	0.78	3.46	0.79	
		25	2.46	0.75	2.74	0.76	2.84	0.77	3.02	0.77	3.12	0.78	3.30	0.78	3.40	0.79	3.49	0.79	
		30	2.66	0.91	2.96	0.93	3.06	0.93	3.26	0.94	3.36	0.95	3.57	0.96	3.67	0.96	3.77	0.97	
		35	2.53	0.99	2.82	1.01	2.91	1.01	3.10	1.02	3.20	1.03	3.39	1.04	3.49	1.04	3.58	1.05	
		40	2.38	1.11	2.65	1.13	2.74	1.13	2.92	1.15	3.01	1.15	3.19	1.16	3.28	1.17	3.37	1.17	
		46	2.23	1.06	2.49	1.08	2.57	1.09	2.74	1.10	2.82	1.10	2.99	1.11	3.08	1.12	3.16	1.12	

● Indoor unit : 12000Btu

		Indoor temperature																	
		°CDB		18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB		12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
12	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	
		10	2.60	0.71	2.89	0.72	2.99	0.73	3.19	0.73	3.29	0.74	3.48	0.75	3.58	0.75	3.68	0.75	
		15	2.65	0.65	2.95	0.66	3.05	0.66	3.25	0.67	3.35	0.67	3.55	0.68	3.65	0.68	3.75	0.69	
		20	3.06	0.93	3.41	0.94	3.52	0.94	3.75	0.95	3.87	0.96	4.10	0.97	4.22	0.97	4.33	0.98	
		25	2.90	1.02	3.23	1.04	3.34	1.04	3.56	1.05	3.67	1.06	3.89	1.07	4.00	1.07	4.11	1.08	
		30	3.09	1.05	3.44	1.06	3.56	1.07	3.79	1.08	3.91	1.08	4.15	1.09	4.26	1.10	4.38	1.11	
		35	2.92	1.17	3.26	1.19	3.37	1.19	3.59	1.20	3.70	1.21	3.92	1.22	4.03	1.23	4.14	1.23	
		40	2.64	1.17	2.94	1.19	3.04	1.20	3.24	1.21	3.34	1.22	3.54	1.23	3.64	1.24	3.74	1.24	
		46	2.37	1.06	2.64	1.08	2.73	1.08	2.91	1.10	3.00	1.10	3.18	1.11	3.27	1.12	3.36	1.12	

● Indoor unit : 7000Btu + 7000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
7+7	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	3.22	0.73	3.59	0.74	3.71	0.74	3.96	0.75	4.08	0.75	4.33	0.76	4.45	0.76	4.57	0.77
		15	3.06	0.84	3.41	0.85	3.53	0.85	3.76	0.86	3.88	0.87	4.11	0.87	4.23	0.88	4.34	0.88
		20	3.47	1.05	3.87	1.07	4.00	1.07	4.27	1.08	4.40	1.09	4.66	1.10	4.79	1.11	4.93	1.11
		25	3.61	0.93	4.03	0.94	4.16	0.95	4.44	0.96	4.57	0.96	4.85	0.97	4.99	0.97	5.12	0.98
		30	3.68	1.19	4.10	1.21	4.24	1.21	4.52	1.23	4.66	1.23	4.94	1.24	5.08	1.25	5.22	1.26
		35	3.48	1.35	3.87	1.37	4.00	1.38	4.27	1.39	4.40	1.40	4.66	1.41	4.80	1.42	4.93	1.43
		40	3.05	1.31	3.39	1.33	3.51	1.34	3.74	1.35	3.86	1.36	4.09	1.37	4.20	1.38	4.32	1.39
		46	2.61	1.11	2.90	1.13	3.00	1.14	3.20	1.15	3.30	1.15	3.50	1.17	3.59	1.17	3.69	1.18

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 9000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
7+9	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	3.39	0.86	3.78	0.87	3.91	0.88	4.16	0.88	4.29	0.89	4.55	0.90	4.68	0.90	4.81	0.91
		15	3.22	0.98	3.59	0.99	3.71	1.00	3.96	1.01	4.08	1.01	4.32	1.02	4.45	1.03	4.57	1.03
		20	4.05	0.97	4.51	0.98	4.66	0.99	4.97	1.00	5.12	1.00	5.43	1.01	5.58	1.02	5.74	1.02
		25	3.91	1.05	4.36	1.06	4.51	1.07	4.80	1.08	4.95	1.09	5.25	1.10	5.40	1.10	5.55	1.11
		30	3.60	1.16	4.01	1.17	4.15	1.18	4.42	1.19	4.56	1.20	4.83	1.21	4.97	1.22	5.10	1.22
		35	3.48	1.35	3.87	1.37	4.00	1.38	4.27	1.39	4.40	1.40	4.66	1.41	4.80	1.42	4.93	1.43
		40	3.05	1.31	3.40	1.33	3.51	1.34	3.74	1.35	3.86	1.36	4.09	1.37	4.21	1.38	4.32	1.39
		46	2.61	1.11	2.90	1.13	3.00	1.14	3.20	1.15	3.30	1.15	3.50	1.16	3.60	1.17	3.70	1.18

● Indoor unit : 7000Btu + 12000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
7+12	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	3.58	1.04	3.99	1.06	4.12	1.07	4.40	1.08	4.53	1.08	4.80	1.09	4.94	1.10	5.08	1.10
		15	3.72	0.97	4.14	0.99	4.28	0.99	4.57	1.00	4.71	1.01	4.99	1.02	5.13	1.02	5.27	1.03
		20	4.23	1.01	4.71	1.03	4.87	1.03	5.19	1.04	5.35	1.05	5.67	1.06	5.83	1.07	6.00	1.07
		25	4.08	1.09	4.55	1.11	4.70	1.11	5.01	1.12	5.17	1.13	5.48	1.14	5.63	1.15	5.79	1.15
		30	3.85	1.24	4.29	1.26	4.44	1.27	4.73	1.28	4.88	1.29	5.17	1.30	5.32	1.31	5.46	1.31
		35	3.63	1.42	4.05	1.44	4.19	1.45	4.46	1.46	4.60	1.47	4.88	1.48	5.01	1.49	5.15	1.50
		40	3.14	1.35	3.50	1.37	3.62	1.38	3.86	1.39	3.98	1.40	4.22	1.41	4.34	1.42	4.46	1.43
		46	2.68	1.16	2.99	1.18	3.09	1.19	3.29	1.20	3.39	1.20	3.60	1.22	3.70	1.22	3.80	1.23

● Indoor unit : 9000Btu + 9000Btu

		Indoor temperature																	
		°CDB		18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB		12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
9+9	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	
		10	3.62	1.02	4.03	1.04	4.17	1.04	4.45	1.05	4.59	1.06	4.86	1.07	5.00	1.07	5.14	1.08	
		15	3.76	0.95	4.19	0.96	4.33	0.97	4.62	0.98	4.76	0.98	5.04	0.99	5.19	1.00	5.33	1.00	
		20	4.14	0.99	4.61	1.01	4.77	1.01	5.08	1.02	5.24	1.03	5.55	1.04	5.71	1.04	5.87	1.05	
		25	4.00	1.07	4.46	1.09	4.61	1.09	4.91	1.10	5.07	1.11	5.37	1.12	5.52	1.13	5.67	1.13	
		30	3.68	1.18	4.10	1.20	4.24	1.20	4.52	1.22	4.66	1.22	4.94	1.24	5.08	1.24	5.22	1.25	
		35	3.55	1.38	3.96	1.40	4.09	1.41	4.36	1.42	4.50	1.43	4.77	1.44	4.90	1.45	5.04	1.46	
		40	3.12	1.34	3.47	1.36	3.59	1.37	3.83	1.38	3.95	1.39	4.18	1.40	4.30	1.41	4.42	1.41	
		46	2.67	1.14	2.97	1.15	3.07	1.16	3.27	1.17	3.38	1.18	3.58	1.19	3.68	1.20	3.78	1.20	

● Indoor unit : 9000Btu + 12000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
9+12	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	4.36	1.07	4.86	1.09	5.03	1.09	5.36	1.10	5.52	1.11	5.85	1.12	6.02	1.13	6.19	1.13
		15	4.11	1.18	4.58	1.20	4.74	1.20	5.05	1.22	5.21	1.22	5.52	1.23	5.67	1.24	5.83	1.25
		20	4.32	1.01	4.82	1.02	4.98	1.03	5.31	1.04	5.47	1.05	5.80	1.06	5.96	1.06	6.13	1.07
		25	4.18	1.09	4.65	1.11	4.81	1.12	5.13	1.13	5.29	1.13	5.61	1.15	5.77	1.15	5.92	1.16
		30	3.94	1.24	4.39	1.26	4.54	1.27	4.83	1.28	4.98	1.29	5.28	1.30	5.43	1.31	5.58	1.31
		35	3.71	1.42	4.14	1.44	4.28	1.45	4.56	1.46	4.70	1.47	4.98	1.48	5.12	1.49	5.26	1.50
		40	3.21	1.35	3.58	1.37	3.70	1.38	3.94	1.39	4.07	1.40	4.31	1.41	4.43	1.42	4.55	1.43
		46	2.74	1.16	3.05	1.18	3.16	1.19	3.36	1.20	3.47	1.20	3.68	1.22	3.78	1.22	3.88	1.23

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 2 or more indoor units should be connected.

■ MODEL: AO*G18L2

● Indoor unit : 7000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
7	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	2.04	0.35	2.27	0.35	2.35	0.36	2.51	0.36	2.58	0.36	2.74	0.37	2.82	0.37	2.89	0.37
		15	2.07	0.35	2.30	0.36	2.38	0.36	2.54	0.36	2.62	0.36	2.77	0.37	2.85	0.37	2.93	0.37
		20	2.27	0.47	2.53	0.48	2.62	0.48	2.79	0.48	2.88	0.49	3.05	0.49	3.14	0.49	3.22	0.50
		25	2.00	0.60	2.23	0.61	2.30	0.62	2.45	0.62	2.53	0.62	2.68	0.63	2.76	0.63	2.83	0.64
		30	2.27	0.61	2.52	0.62	2.61	0.62	2.78	0.63	2.87	0.63	3.04	0.64	3.13	0.64	3.21	0.64
		35	2.13	0.69	2.38	0.71	2.46	0.71	2.62	0.72	2.70	0.72	2.86	0.73	2.94	0.73	3.02	0.73
		40	1.96	0.77	2.18	0.78	2.26	0.79	2.40	0.79	2.48	0.80	2.63	0.81	2.70	0.81	2.78	0.81
		46	1.83	0.87	2.04	0.88	2.11	0.89	2.25	0.90	2.32	0.90	2.45	0.91	2.52	0.92	2.59	0.92

● Indoor unit : 9000Btu

		Indoor temperature																	
		°CDB		18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB		12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
9	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	
		10	2.39	0.40	2.66	0.41	2.75	0.41	2.94	0.42	3.03	0.42	3.21	0.42	3.30	0.43	3.39	0.43	
		15	2.37	0.41	2.64	0.41	2.73	0.41	2.91	0.42	3.00	0.42	3.18	0.42	3.27	0.43	3.36	0.43	
		20	2.62	0.53	2.91	0.54	3.01	0.54	3.21	0.54	3.31	0.55	3.51	0.55	3.61	0.56	3.71	0.56	
		25	2.48	0.58	2.76	0.59	2.86	0.60	3.04	0.60	3.14	0.61	3.33	0.61	3.42	0.61	3.52	0.62	
		30	2.63	0.87	2.93	0.88	3.03	0.88	3.23	0.89	3.33	0.90	3.53	0.91	3.63	0.91	3.73	0.92	
		35	2.53	1.01	2.82	1.03	2.91	1.03	3.10	1.04	3.20	1.05	3.39	1.06	3.49	1.07	3.58	1.07	
		40	2.33	1.08	2.59	1.10	2.68	1.10	2.86	1.11	2.94	1.12	3.12	1.13	3.21	1.14	3.30	1.14	
		46	2.25	1.18	2.51	1.20	2.60	1.20	2.77	1.22	2.85	1.22	3.02	1.23	3.11	1.24	3.19	1.25	

● Indoor unit : 12000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
12	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	2.81	0.57	3.13	0.58	3.23	0.58	3.45	0.59	3.55	0.59	3.76	0.60	3.87	0.60	3.98	0.61
		15	2.82	0.57	3.14	0.57	3.25	0.58	3.47	0.58	3.57	0.59	3.79	0.59	3.90	0.59	4.00	0.60
		20	3.23	0.79	3.59	0.80	3.72	0.81	3.96	0.81	4.09	0.82	4.33	0.83	4.45	0.83	4.58	0.83
		25	2.67	0.86	2.97	0.88	3.07	0.88	3.28	0.89	3.38	0.89	3.58	0.90	3.68	0.91	3.78	0.91
		30	3.10	1.14	3.45	1.16	3.57	1.17	3.80	1.18	3.92	1.18	4.15	1.19	4.27	1.20	4.39	1.21
		35	2.92	1.29	3.26	1.31	3.37	1.32	3.59	1.33	3.70	1.34	3.92	1.35	4.03	1.36	4.14	1.37
		40	2.66	1.37	2.96	1.39	3.06	1.40	3.26	1.42	3.36	1.42	3.57	1.44	3.67	1.44	3.77	1.45
		46	2.39	1.25	2.66	1.27	2.75	1.28	2.93	1.29	3.02	1.30	3.20	1.31	3.29	1.32	3.39	1.33

● Indoor unit : 14000Btu

		Indoor temperature																	
		°CDB		18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB		12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
14	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	
		10	3.61	0.69	4.03	0.71	4.16	0.71	4.44	0.72	4.57	0.72	4.85	0.73	4.99	0.73	5.12	0.73	
		15	4.08	0.82	4.54	0.84	4.70	0.84	5.01	0.85	5.16	0.85	5.47	0.86	5.63	0.87	5.78	0.87	
		20	3.96	0.91	4.41	0.93	4.56	0.93	4.86	0.94	5.01	0.95	5.31	0.96	5.46	0.96	5.61	0.97	
		25	3.79	1.09	4.22	1.11	4.36	1.12	4.65	1.13	4.79	1.13	5.08	1.14	5.22	1.15	5.37	1.16	
		30	4.03	1.54	4.49	1.56	4.65	1.57	4.95	1.59	5.11	1.60	5.41	1.61	5.57	1.62	5.72	1.63	
		35	3.79	1.72	4.22	1.74	4.37	1.75	4.66	1.77	4.80	1.78	5.09	1.80	5.23	1.81	5.38	1.82	
		40	3.30	1.55	3.67	1.58	3.80	1.59	4.05	1.60	4.18	1.61	4.43	1.63	4.55	1.63	4.68	1.64	
		46	2.73	1.21	3.04	1.23	3.14	1.24	3.35	1.25	3.45	1.26	3.66	1.27	3.76	1.28	3.87	1.28	

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 7000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
7+7	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	3.65	0.57	4.07	0.58	4.21	0.58	4.49	0.59	4.62	0.59	4.90	0.60	5.04	0.60	5.18	0.60
		15	3.68	0.53	4.10	0.54	4.24	0.54	4.52	0.55	4.66	0.55	4.94	0.56	5.08	0.56	5.22	0.56
		20	4.38	0.89	4.88	0.91	5.05	0.91	5.38	0.92	5.55	0.93	5.88	0.94	6.04	0.94	6.21	0.95
		25	4.20	1.01	4.68	1.03	4.84	1.03	5.16	1.04	5.31	1.05	5.63	1.06	5.79	1.06	5.95	1.07
		30	4.36	1.43	4.85	1.45	5.02	1.46	5.35	1.48	5.51	1.48	5.85	1.50	6.01	1.51	6.18	1.51
		35	4.11	1.62	4.58	1.64	4.73	1.65	5.04	1.67	5.20	1.68	5.51	1.69	5.67	1.70	5.82	1.71
		40	3.46	1.45	3.86	1.47	3.99	1.48	4.25	1.50	4.38	1.50	4.65	1.52	4.78	1.53	4.91	1.53
		46	2.60	1.26	2.89	1.28	2.99	1.29	3.19	1.30	3.29	1.31	3.48	1.32	3.58	1.33	3.68	1.34

● Indoor unit : 7000Btu + 9000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
7+9	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	3.93	0.71	4.38	0.72	4.53	0.73	4.83	0.73	4.98	0.74	5.28	0.75	5.43	0.75	5.58	0.75
		15	4.12	0.63	4.59	0.64	4.75	0.64	5.06	0.65	5.22	0.65	5.53	0.66	5.69	0.66	5.85	0.66
		20	4.82	1.08	5.37	1.10	5.55	1.10	5.92	1.11	6.10	1.12	6.47	1.13	6.65	1.14	6.84	1.14
		25	4.55	1.23	5.07	1.24	5.24	1.25	5.59	1.26	5.76	1.27	6.10	1.28	6.28	1.29	6.45	1.30
		30	4.36	1.51	4.86	1.53	5.02	1.54	5.35	1.56	5.52	1.57	5.85	1.58	6.02	1.59	6.18	1.60
		35	4.19	1.73	4.66	1.75	4.82	1.76	5.14	1.78	5.30	1.79	5.62	1.81	5.78	1.82	5.94	1.83
		40	3.49	1.52	3.89	1.54	4.02	1.55	4.28	1.57	4.42	1.58	4.68	1.59	4.82	1.60	4.95	1.61
		46	2.60	1.28	2.89	1.30	2.99	1.30	3.19	1.32	3.29	1.32	3.49	1.34	3.58	1.34	4.05	1.35

● Indoor unit : 7000Btu + 12000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
7+12	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	4.07	0.87	4.54	0.88	4.69	0.89	5.00	0.90	5.16	0.90	5.46	0.91	5.62	0.92	5.77	0.92
		15	4.60	0.81	5.13	0.82	5.30	0.83	5.65	0.84	5.82	0.84	6.17	0.85	6.35	0.85	6.52	0.86
		20	5.20	1.23	5.79	1.25	5.99	1.26	6.39	1.27	6.58	1.28	6.98	1.29	7.18	1.30	7.37	1.30
		25	4.96	1.41	5.53	1.43	5.71	1.44	6.09	1.45	6.28	1.46	6.66	1.48	6.84	1.48	7.03	1.49
		30	4.80	1.74	5.34	1.77	5.53	1.77	5.89	1.79	6.07	1.80	6.44	1.82	6.62	1.83	6.80	1.84
		35	4.42	1.88	4.93	1.91	5.09	1.92	5.43	1.94	5.60	1.95	5.93	1.97	6.10	1.98	6.27	1.99
		40	3.53	1.49	3.93	1.51	4.07	1.52	4.34	1.54	4.47	1.54	4.74	1.56	4.87	1.57	5.01	1.57
		46	2.62	1.30	2.92	1.32	3.02	1.32	3.22	1.34	3.32	1.34	3.52	1.36	3.62	1.36	3.72	1.37

● Indoor unit : 7000Btu + 14000Btu

		Indoor temperature																	
		°CDB		18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB		12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
7+14	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	
		10	5.29	0.90	5.89	0.92	6.09	0.92	6.49	0.93	6.69	0.93	7.10	0.94	7.30	0.95	7.50	0.95	
		15	5.01	1.04	5.58	1.05	5.77	1.06	6.15	1.07	6.34	1.07	6.72	1.08	6.91	1.09	7.10	1.10	
		20	5.33	1.33	5.94	1.35	6.14	1.36	6.54	1.37	6.75	1.38	7.15	1.39	7.35	1.40	7.56	1.41	
		25	5.08	1.52	5.66	1.54	5.86	1.55	6.24	1.56	6.44	1.57	6.82	1.59	7.02	1.60	7.21	1.60	
		30	4.83	1.77	5.38	1.80	5.57	1.81	5.93	1.83	6.12	1.84	6.49	1.85	6.67	1.86	6.85	1.87	
		35	4.50	1.92	5.02	1.95	5.19	1.96	5.53	1.98	5.70	1.99	6.04	2.01	6.21	2.02	6.38	2.03	
		40	3.53	1.51	3.93	1.53	4.07	1.54	4.33	1.56	4.47	1.57	4.74	1.58	4.87	1.59	5.00	1.60	
		46	2.62	1.31	2.92	1.33	3.02	1.34	3.22	1.35	3.32	1.36	3.52	1.37	3.62	1.38	3.72	1.39	

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
9+9	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	3.96	0.86	4.41	0.88	4.56	0.88	4.86	0.89	5.01	0.89	5.31	0.90	5.46	0.91	5.61	0.91
		15	4.37	0.78	4.87	0.79	5.04	0.79	5.37	0.80	5.53	0.81	5.87	0.81	6.03	0.82	6.20	0.82
		20	4.92	1.20	5.48	1.22	5.67	1.22	6.05	1.23	6.23	1.24	6.61	1.25	6.79	1.26	6.98	1.27
		25	4.69	1.37	5.22	1.39	5.40	1.40	5.75	1.41	5.93	1.42	6.29	1.43	6.47	1.44	6.64	1.45
		30	4.54	1.71	5.05	1.74	5.22	1.75	5.57	1.76	5.74	1.77	6.09	1.79	6.26	1.80	6.43	1.81
		35	4.42	1.88	4.93	1.91	5.09	1.92	5.43	1.94	5.60	1.95	5.93	1.97	6.10	1.98	6.27	1.99
		40	3.52	1.48	3.92	1.50	4.05	1.51	4.32	1.52	4.45	1.53	4.72	1.54	4.86	1.55	4.99	1.56
		46	2.60	1.29	2.90	1.31	3.00	1.31	3.19	1.33	3.29	1.33	3.49	1.35	3.59	1.35	3.69	1.36

● Indoor unit : 9000Btu + 12000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
9+12	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	5.32	0.89	5.92	0.90	6.12	0.91	6.53	0.92	6.73	0.92	7.13	0.93	7.34	0.93	7.54	0.94
		15	5.03	1.02	5.60	1.04	5.80	1.04	6.18	1.05	6.37	1.06	6.75	1.07	6.94	1.07	7.13	1.08
		20	5.32	1.31	5.93	1.33	6.13	1.33	6.54	1.35	6.74	1.36	7.14	1.37	7.34	1.38	7.55	1.38
		25	5.07	1.49	5.65	1.51	5.84	1.52	6.23	1.54	6.42	1.54	6.81	1.56	7.00	1.57	7.19	1.57
		30	4.82	1.74	5.37	1.76	5.55	1.77	5.92	1.79	6.10	1.80	6.47	1.82	6.65	1.83	6.83	1.84
		35	4.50	1.88	5.02	1.91	5.19	1.92	5.53	1.94	5.70	1.95	6.04	1.97	6.21	1.98	6.38	1.99
		40	3.55	1.49	3.95	1.51	4.08	1.52	4.35	1.53	4.49	1.54	4.76	1.56	4.89	1.56	5.03	1.57
		46	2.66	1.29	2.96	1.31	3.06	1.32	3.26	1.33	3.36	1.34	3.56	1.35	3.67	1.36	3.77	1.37

● Indoor unit : 9000Btu + 14000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
9+14	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	5.59	1.02	6.23	1.03	6.44	1.04	6.87	1.05	7.08	1.06	7.5	1.07	7.72	1.07	7.93	1.08
		15	5.28	1.15	5.88	1.16	6.08	1.17	6.48	1.18	6.68	1.19	7.08	1.20	7.28	1.21	7.48	1.21
		20	5.49	1.38	6.11	1.40	6.32	1.41	6.74	1.43	6.94	1.43	7.36	1.45	7.57	1.45	7.78	1.46
		25	5.23	1.57	5.83	1.60	6.03	1.61	6.43	1.62	6.62	1.63	7.02	1.65	7.22	1.66	7.42	1.66
		30	4.91	1.77	5.47	1.80	5.66	1.81	6.03	1.83	6.22	1.84	6.59	1.85	6.78	1.86	6.96	1.87
		35	4.58	1.92	5.10	1.95	5.28	1.96	5.63	1.98	5.80	1.99	6.15	2.01	6.32	2.02	6.50	2.03
		40	3.57	1.51	3.98	1.53	4.11	1.54	4.39	1.56	4.52	1.57	4.79	1.58	4.93	1.59	5.06	1.60
		46	2.66	1.31	2.96	1.33	3.06	1.34	3.26	1.35	3.36	1.36	3.56	1.37	3.66	1.38	3.77	1.39

● Indoor unit : 12000Btu + 12000Btu

		Indoor temperature																
		°CDB	18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB	
		°CWB	12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB	
12+12	Outdoor temperature	(°CDB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		10	5.60	1.02	6.23	1.04	6.45	1.04	6.87	1.05	7.08	1.06	7.51	1.07	7.72	1.07	7.94	1.08
		15	5.28	1.15	5.88	1.17	6.08	1.17	6.48	1.18	6.68	1.19	7.08	1.20	7.28	1.21	7.49	1.21
		20	5.49	1.38	6.11	1.40	6.32	1.41	6.73	1.43	6.94	1.43	7.36	1.45	7.57	1.45	7.78	1.46
		25	5.23	1.57	5.83	1.60	6.02	1.61	6.42	1.62	6.62	1.63	7.02	1.65	7.22	1.66	7.41	1.66
		30	4.91	1.77	5.47	1.80	5.66	1.81	6.03	1.83	6.22	1.83	6.59	1.85	6.78	1.86	6.97	1.87
		35	4.58	1.92	5.10	1.95	5.28	1.96	5.63	1.98	5.80	1.99	6.15	2.01	6.32	2.02	6.50	2.03
		40	3.57	1.51	3.98	1.53	4.12	1.54	4.39	1.56	4.52	1.56	4.80	1.58	4.93	1.59	5.07	1.60
		46	2.66	1.31	2.96	1.33	3.06	1.34	3.26	1.35	3.36	1.36	3.57	1.37	3.67	1.38	3.77	1.38

TC : Total Capacity (kW)
IP : Input Power (kW)

5-3. HEATING CAPACITY

This table is created using the maximum capacity.

Note: 2 or more indoor units should be connected.

■ MODEL : AO*G14L2

● Indoor unit : 7000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	2.13	0.92	2.08	0.93	2.03	0.95	1.98	0.97	1.93	0.99
		-10	-11	2.50	0.98	2.44	1.00	2.38	1.02	2.32	1.04	2.26	1.06
		-5	-7	2.65	0.94	2.59	0.96	2.52	0.98	2.46	1.00	2.40	1.02
		0	-2	2.88	0.91	2.81	0.93	2.74	0.94	2.67	0.96	2.61	0.98
		5	3	3.23	0.83	3.15	0.85	3.08	0.86	3.00	0.88	2.92	0.90
		7	6	3.47	0.85	3.38	0.87	3.30	0.89	3.22	0.91	3.14	0.93
		10	8	3.62	0.87	3.53	0.89	3.45	0.91	3.36	0.92	3.28	0.94
		15	10	3.76	0.88	3.67	0.89	3.58	0.91	3.49	0.93	3.40	0.95
		20	15	3.99	0.87	3.89	0.89	3.80	0.91	3.70	0.93	3.61	0.95

● Indoor unit : 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	2.56	1.24	2.50	1.27	2.44	1.29	2.38	1.32	2.32	1.34
		-10	-11	2.94	1.34	2.87	1.37	2.80	1.40	2.73	1.43	2.66	1.46
		-5	-7	3.17	1.33	3.09	1.36	3.02	1.38	2.94	1.41	2.87	1.44
		0	-2	3.85	1.30	3.76	1.33	3.66	1.36	3.57	1.38	3.48	1.41
		5	3	4.14	1.26	4.05	1.29	3.95	1.32	3.85	1.34	3.75	1.37
		7	6	4.41	1.32	4.31	1.34	4.20	1.37	4.10	1.40	3.99	1.42
		10	8	4.59	1.35	4.48	1.38	4.37	1.41	4.27	1.44	4.16	1.47
		15	10	4.76	1.37	4.64	1.40	4.53	1.43	4.42	1.46	4.30	1.49
		20	15	5.05	1.43	4.93	1.46	4.81	1.49	4.69	1.52	4.57	1.55

● Indoor unit : 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	2.88	1.57	2.81	1.60	2.75	1.63	2.68	1.66	2.61	1.70
		-10	-11	3.29	1.71	3.21	1.74	3.14	1.78	3.06	1.81	2.98	1.85
		-5	-7	3.62	1.83	3.54	1.87	3.45	1.91	3.36	1.95	3.28	1.99
		0	-2	4.46	1.58	4.35	1.61	4.25	1.65	4.14	1.68	4.03	1.71
		5	3	4.72	1.47	4.61	1.50	4.50	1.53	4.38	1.56	4.27	1.59
		7	6	5.04	1.53	4.92	1.56	4.80	1.59	4.68	1.62	4.56	1.65
		10	8	5.25	1.57	5.13	1.60	5.00	1.63	4.88	1.66	4.75	1.70
		15	10	5.44	1.59	5.31	1.63	5.18	1.66	5.05	1.69	4.92	1.73
		20	15	5.92	1.66	5.78	1.70	5.63	1.73	5.49	1.76	5.35	1.80

● Indoor unit : 7000Btu + 7000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.08	1.34	3.01	1.37	2.94	1.40	2.86	1.42	2.79	1.45
		-10	-11	3.57	1.44	3.49	1.47	3.40	1.49	3.32	1.52	3.23	1.55
		-5	-7	3.99	1.52	3.90	1.55	3.80	1.58	3.71	1.62	3.61	1.65
		0	-2	4.57	1.64	4.46	1.67	4.35	1.71	4.24	1.74	4.14	1.78
		5	3	5.24	1.64	5.12	1.67	4.99	1.71	4.87	1.74	4.74	1.77
		7	6	5.67	1.71	5.54	1.74	5.40	1.78	5.27	1.82	5.13	1.85
		10	8	5.92	1.74	5.78	1.78	5.63	1.81	5.49	1.85	5.35	1.88
		15	10	6.59	1.73	6.43	1.76	6.27	1.80	6.11	1.83	5.96	1.87
		20	15	6.86	1.53	6.70	1.56	6.54	1.60	6.37	1.63	6.21	1.66

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.08	1.34	3.01	1.37	2.94	1.40	2.86	1.42	2.79	1.45
		-10	-11	3.57	1.44	3.49	1.47	3.40	1.49	3.32	1.52	3.23	1.55
		-5	-7	3.99	1.52	3.90	1.55	3.80	1.58	3.71	1.62	3.61	1.65
		0	-2	4.57	1.64	4.46	1.67	4.35	1.71	4.24	1.74	4.14	1.78
		5	3	5.24	1.64	5.12	1.67	4.99	1.71	4.87	1.74	4.74	1.77
		7	6	5.67	1.71	5.54	1.74	5.40	1.78	5.27	1.82	5.13	1.85
		10	8	5.92	1.74	5.78	1.78	5.63	1.81	5.49	1.85	5.35	1.88
		15	10	6.59	1.73	6.43	1.76	6.27	1.80	6.11	1.83	5.96	1.87
		20	15	6.86	1.53	6.70	1.56	6.54	1.60	6.37	1.63	6.21	1.66

● Indoor unit : 7000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.14	1.33	3.07	1.36	2.99	1.39	2.92	1.42	2.84	1.44
		-10	-11	3.65	1.43	3.57	1.46	3.48	1.49	3.39	1.52	3.30	1.55
		-5	-7	4.07	1.51	3.97	1.54	3.88	1.57	3.78	1.60	3.68	1.63
		0	-2	4.65	1.62	4.54	1.66	4.43	1.69	4.32	1.73	4.21	1.76
		5	3	5.34	1.62	5.21	1.66	5.09	1.69	4.96	1.72	4.83	1.76
		7	6	5.78	1.69	5.64	1.72	5.50	1.76	5.36	1.80	5.23	1.83
		10	8	6.03	1.72	5.88	1.75	5.74	1.79	5.60	1.83	5.45	1.86
		15	10	6.78	1.67	6.62	1.71	6.46	1.74	6.30	1.78	6.14	1.81
		20	15	7.10	1.49	6.93	1.52	6.76	1.55	6.59	1.59	6.42	1.62

● Indoor unit : 9000Btu + 9000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.08	1.34	3.01	1.37	2.94	1.40	2.86	1.42	2.79	1.45
		-10	-11	3.57	1.44	3.49	1.47	3.40	1.49	3.32	1.52	3.23	1.55
		-5	-7	3.99	1.52	3.90	1.55	3.80	1.58	3.71	1.62	3.61	1.65
		0	-2	4.57	1.64	4.46	1.67	4.35	1.71	4.24	1.74	4.14	1.78
		5	3	5.24	1.64	5.12	1.67	4.99	1.71	4.87	1.74	4.74	1.77
		7	6	5.67	1.71	5.54	1.74	5.40	1.78	5.27	1.82	5.13	1.85
		10	8	5.92	1.74	5.78	1.78	5.63	1.81	5.49	1.85	5.35	1.88
		15	10	6.59	1.73	6.43	1.76	6.27	1.80	6.11	1.83	5.96	1.87
		20	15	6.86	1.53	6.70	1.56	6.54	1.60	6.37	1.63	6.21	1.66

● Indoor unit : 9000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.14	1.33	3.07	1.36	2.99	1.39	2.92	1.42	2.84	1.44
		-10	-11	3.65	1.43	3.57	1.46	3.48	1.49	3.39	1.52	3.30	1.55
		-5	-7	4.07	1.51	3.97	1.54	3.88	1.57	3.78	1.60	3.68	1.63
		0	-2	4.65	1.62	4.54	1.66	4.43	1.69	4.32	1.73	4.21	1.76
		5	3	5.34	1.62	5.21	1.66	5.09	1.69	4.96	1.72	4.83	1.76
		7	6	5.78	1.69	5.64	1.72	5.50	1.76	5.36	1.80	5.23	1.83
		10	8	6.03	1.72	5.88	1.75	5.74	1.79	5.60	1.83	5.45	1.86
		15	10	6.78	1.67	6.62	1.71	6.46	1.74	6.30	1.78	6.14	1.81
		20	15	7.10	1.49	6.93	1.52	6.76	1.55	6.59	1.59	6.42	1.62

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 2 or more indoor units should be connected.

■ MODEL: AO*G18L2

● Indoor unit : 7000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	2.15	1.03	2.10	1.06	2.05	1.08	2.00	1.10	1.95	1.12
		-10	-11	2.51	1.11	2.45	1.13	2.39	1.15	2.33	1.17	2.27	1.20
		-5	-7	2.77	1.09	2.70	1.11	2.64	1.13	2.57	1.16	2.51	1.18
		0	-2	3.00	1.05	2.93	1.07	2.85	1.09	2.78	1.11	2.71	1.13
		5	3	3.22	1.00	3.15	1.02	3.07	1.04	2.99	1.06	2.92	1.08
		7	6	3.47	1.03	3.38	1.05	3.30	1.07	3.22	1.09	3.14	1.11
		10	8	3.70	1.03	3.61	1.06	3.52	1.08	3.44	1.10	3.35	1.12
		15	10	3.99	1.06	3.90	1.08	3.80	1.10	3.71	1.12	3.61	1.15
		20	15	4.23	1.09	4.13	1.11	4.03	1.13	3.93	1.15	3.83	1.18

● Indoor unit : 9000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	2.71	1.34	2.65	1.37	2.58	1.40	2.52	1.43	2.45	1.46
		-10	-11	3.20	1.46	3.12	1.49	3.04	1.52	2.97	1.56	2.89	1.59
		-5	-7	3.43	1.43	3.35	1.46	3.27	1.49	3.18	1.52	3.10	1.55
		0	-2	3.75	1.41	3.66	1.44	3.58	1.47	3.49	1.50	3.40	1.53
		5	3	4.13	1.36	4.03	1.39	3.93	1.42	3.83	1.44	3.74	1.47
		7	6	4.41	1.41	4.31	1.44	4.20	1.47	4.10	1.50	3.99	1.53
		10	8	4.59	1.45	4.48	1.48	4.37	1.51	4.26	1.54	4.15	1.57
		15	10	5.05	1.52	4.93	1.55	4.81	1.58	4.69	1.61	4.57	1.64
		20	15	5.34	1.57	5.21	1.60	5.08	1.64	4.96	1.67	4.83	1.70

● Indoor unit : 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.10	1.62	3.03	1.66	2.95	1.69	2.88	1.73	2.81	1.76
		-10	-11	3.70	1.78	3.61	1.82	3.52	1.85	3.43	1.89	3.34	1.93
		-5	-7	3.97	1.75	3.87	1.79	3.78	1.83	3.68	1.86	3.59	1.90
		0	-2	4.37	1.70	4.27	1.74	4.16	1.77	4.06	1.81	3.95	1.84
		5	3	4.70	1.57	4.58	1.60	4.47	1.63	4.36	1.67	4.25	1.70
		7	6	5.04	1.63	4.92	1.66	4.80	1.70	4.68	1.73	4.56	1.76
		10	8	5.27	1.67	5.14	1.70	5.02	1.74	4.89	1.77	4.76	1.80
		15	10	5.81	1.74	5.67	1.78	5.53	1.81	5.39	1.85	5.25	1.89
20	15	6.14	1.80	5.99	1.84	5.85	1.87	5.70	1.91	5.55	1.95		

● Indoor unit : 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.59	1.84	3.50	1.88	3.42	1.92	3.33	1.96	3.25	1.99
		-10	-11	4.28	2.02	4.18	2.06	4.08	2.10	3.98	2.14	3.88	2.18
		-5	-7	4.60	1.99	4.49	2.04	4.38	2.08	4.27	2.12	4.16	2.16
		0	-2	5.12	1.95	5.00	1.99	4.87	2.03	4.75	2.07	4.63	2.11
		5	3	5.57	1.81	5.44	1.85	5.31	1.89	5.18	1.93	5.04	1.96
		7	6	6.09	1.90	5.95	1.94	5.80	1.98	5.66	2.02	5.51	2.06
		10	8	6.37	1.95	6.22	1.99	6.07	2.03	5.91	2.07	5.76	2.11
		15	10	6.69	1.94	6.53	1.98	6.37	2.02	6.21	2.06	6.05	2.10
		20	15	7.01	1.93	6.84	1.97	6.67	2.01	6.51	2.05	6.34	2.09

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 7000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.58	1.65	3.50	1.69	3.41	1.72	3.33	1.75	3.24	1.79
		-10	-11	4.20	1.72	4.10	1.76	4.00	1.79	3.90	1.83	3.80	1.86
		-5	-7	4.55	1.69	4.44	1.72	4.34	1.76	4.23	1.80	4.12	1.83
		0	-2	4.98	1.62	4.86	1.65	4.75	1.68	4.63	1.72	4.51	1.75
		5	3	5.40	1.50	5.27	1.53	5.14	1.57	5.01	1.60	4.88	1.63
		7	6	6.31	1.55	6.16	1.58	6.00	1.61	5.85	1.64	5.70	1.67
		10	8	6.39	1.63	6.24	1.66	6.08	1.69	5.93	1.73	5.78	1.76
		15	10	6.95	1.67	6.78	1.70	6.62	1.74	6.45	1.77	6.29	1.81
		20	15	7.39	1.71	7.22	1.74	7.04	1.78	6.87	1.82	6.69	1.85

● Indoor unit : 7000Btu + 9000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.59	1.83	3.50	1.87	3.42	1.91	3.33	1.95	3.24	1.98
		-10	-11	4.48	1.93	4.37	1.97	4.26	2.01	4.16	2.05	4.05	2.09
		-5	-7	4.87	1.91	4.75	1.95	4.64	1.99	4.52	2.03	4.40	2.06
		0	-2	5.35	1.84	5.22	1.88	5.09	1.92	4.97	1.96	4.84	2.00
		5	3	5.84	1.74	5.70	1.77	5.56	1.81	5.42	1.84	5.28	1.88
		7	6	6.30	1.80	6.15	1.83	6.00	1.87	5.85	1.91	5.70	1.94
		10	8	6.61	1.83	6.45	1.87	6.30	1.91	6.14	1.95	5.98	1.99
		15	10	6.97	1.86	6.81	1.90	6.64	1.94	6.48	1.98	6.31	2.02
		20	15	7.48	1.85	7.31	1.88	7.13	1.92	6.95	1.96	6.77	2.00

● Indoor unit : 7000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.63	2.04	3.55	2.08	3.46	2.12	3.37	2.17	3.29	2.21
		-10	-11	4.57	2.03	4.46	2.07	4.35	2.11	4.24	2.15	4.13	2.20
		-5	-7	5.01	2.03	4.89	2.08	4.77	2.12	4.65	2.16	4.53	2.20
		0	-2	5.42	1.89	5.29	1.93	5.16	1.97	5.03	2.01	4.90	2.05
		5	3	5.99	1.70	5.84	1.74	5.70	1.77	5.56	1.81	5.42	1.85
		7	6	6.41	1.80	6.25	1.84	6.10	1.88	5.95	1.92	5.80	1.96
		10	8	6.74	1.84	6.58	1.88	6.42	1.92	6.26	1.96	6.10	2.00
		15	10	7.06	1.76	6.89	1.79	6.73	1.83	6.56	1.87	6.39	1.90
20	15	7.66	1.76	7.48	1.80	7.30	1.84	7.12	1.87	6.93	1.91		

● Indoor unit : 7000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.93	2.07	3.83	2.12	3.74	2.16	3.65	2.20	3.55	2.25
		-10	-11	4.86	2.07	4.75	2.11	4.63	2.16	4.52	2.20	4.40	2.24
		-5	-7	5.37	2.07	5.25	2.12	5.12	2.16	4.99	2.20	4.86	2.25
		0	-2	5.82	1.93	5.68	1.97	5.54	2.01	5.41	2.05	5.27	2.09
		5	3	6.06	1.73	5.91	1.77	5.77	1.80	5.62	1.84	5.48	1.88
		7	6	6.51	1.79	6.36	1.82	6.20	1.86	6.05	1.90	5.89	1.93
		10	8	6.81	1.82	6.65	1.86	6.49	1.90	6.32	1.93	6.16	1.97
		15	10	7.63	1.81	7.45	1.85	7.27	1.88	7.09	1.92	6.91	1.96
		20	15	8.06	1.82	7.87	1.86	7.68	1.90	7.49	1.94	7.30	1.98

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.60	1.83	3.51	1.87	3.43	1.91	3.34	1.95	3.26	1.99
		-10	-11	4.48	1.92	4.37	1.96	4.27	2.00	4.16	2.04	4.05	2.08
		-5	-7	4.88	1.90	4.76	1.94	4.64	1.98	4.53	2.02	4.41	2.06
		0	-2	5.36	1.85	5.23	1.89	5.11	1.92	4.98	1.96	4.85	2.00
		5	3	5.93	1.76	5.79	1.80	5.65	1.83	5.51	1.87	5.37	1.91
		7	6	6.41	1.82	6.25	1.86	6.10	1.90	5.95	1.94	5.80	1.98
		10	8	6.73	1.87	6.57	1.91	6.41	1.95	6.25	1.98	6.09	2.02
		15	10	6.96	1.75	6.79	1.79	6.63	1.83	6.46	1.86	6.30	1.90
		20	15	7.51	1.74	7.33	1.78	7.15	1.81	6.97	1.85	6.79	1.89

● Indoor unit : 9000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.92	2.04	3.83	2.08	3.74	2.12	3.64	2.17	3.55	2.21
		-10	-11	4.93	2.03	4.81	2.07	4.70	2.11	4.58	2.15	4.46	2.20
		-5	-7	5.41	2.03	5.28	2.08	5.15	2.12	5.02	2.16	4.89	2.20
		0	-2	5.85	1.89	5.71	1.93	5.58	1.97	5.44	2.01	5.30	2.05
		5	3	6.10	1.70	5.95	1.74	5.81	1.77	5.66	1.81	5.52	1.85
		7	6	6.51	1.80	6.35	1.84	6.20	1.88	6.04	1.92	5.89	1.96
		10	8	7.28	1.84	7.11	1.88	6.94	1.92	6.76	1.96	6.59	2.00
		15	10	7.63	1.76	7.45	1.79	7.26	1.83	7.08	1.87	6.90	1.90
		20	15	8.09	1.76	7.90	1.80	7.71	1.84	7.52	1.87	7.32	1.91

● Indoor unit : 9000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.99	2.07	3.90	2.12	3.80	2.16	3.71	2.20	3.61	2.25
		-10	-11	4.94	2.07	4.83	2.11	4.71	2.16	4.59	2.20	4.47	2.24
		-5	-7	5.46	2.07	5.33	2.12	5.20	2.16	5.07	2.20	4.94	2.25
		0	-2	5.92	1.93	5.78	1.97	5.63	2.01	5.49	2.05	5.35	2.09
		5	3	6.12	1.73	5.97	1.77	5.83	1.80	5.68	1.84	5.54	1.88
		7	6	6.62	1.79	6.46	1.82	6.30	1.86	6.14	1.90	5.99	1.93
		10	8	6.92	1.82	6.76	1.86	6.59	1.90	6.43	1.93	6.26	1.97
		15	10	7.76	1.81	7.57	1.85	7.39	1.88	7.20	1.92	7.02	1.96
		20	15	8.19	1.82	8.00	1.86	7.80	1.90	7.61	1.94	7.41	1.98

● Indoor unit : 12000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.02	2.09	3.92	2.14	3.83	2.18	3.73	2.22	3.64	2.27
		-10	-11	5.04	2.09	4.92	2.14	4.80	2.18	4.68	2.22	4.56	2.27
		-5	-7	5.49	2.07	5.36	2.11	5.23	2.16	5.10	2.20	4.97	2.24
		0	-2	5.94	1.92	5.80	1.96	5.66	2.00	5.52	2.04	5.38	2.08
		5	3	6.14	1.72	5.99	1.75	5.85	1.79	5.70	1.82	5.55	1.86
		7	6	6.62	1.77	6.46	1.80	6.30	1.84	6.14	1.88	5.99	1.91
		10	8	6.93	1.80	6.77	1.83	6.60	1.87	6.44	1.91	6.27	1.95
		15	10	7.85	1.80	7.67	1.83	7.48	1.87	7.29	1.91	7.10	1.95
20	15	8.37	1.81	8.17	1.85	7.97	1.88	7.77	1.92	7.57	1.96		

TC : Total Capacity (kW)
IP : Input Power (kW)

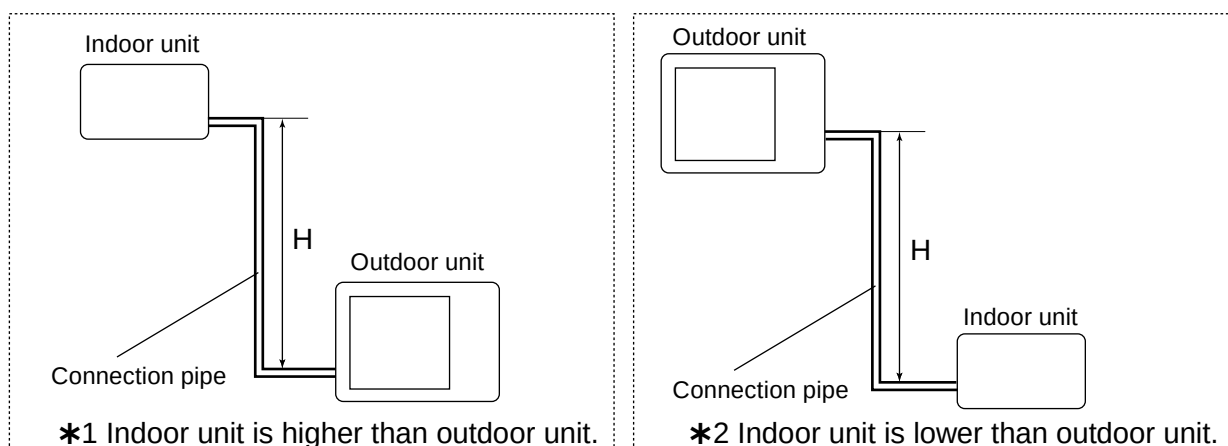
6. CAPACITY COMPENSATION RATE FOR PIPE LENGTH AND HEIGHT DEFFERENCE

■ INDOOR UNIT : 7000Btu (AO*G14L2)

COOLING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.936	0.908
		10	-	-	0.969	0.943	0.915
		5	-	0.988	0.973	0.947	0.919
		3	0.992	0.992	0.977	0.951	0.922
		0	1.000	1.000	0.985	0.959	0.930
	*2 Indoor unit is lower than outdoor unit	-3	1.000	1.000	0.985	0.959	0.930
		-5	-	1.000	0.985	0.959	0.930
		-10	-	-	0.985	0.959	0.930
		-15	-	-	-	0.959	0.930

HEATING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.937	0.915
		10	-	-	0.956	0.937	0.915
		5	-	1.000	0.956	0.937	0.915
		3	0.990	1.000	0.956	0.937	0.915
		0	0.990	1.000	0.956	0.937	0.915
	*2 Indoor unit is lower than outdoor unit	-3	0.985	0.995	0.951	0.932	0.910
		-5	-	0.993	0.949	0.930	0.909
		-10	-	-	0.946	0.928	0.906
		-15	-	-	-	0.923	0.901

Height difference H

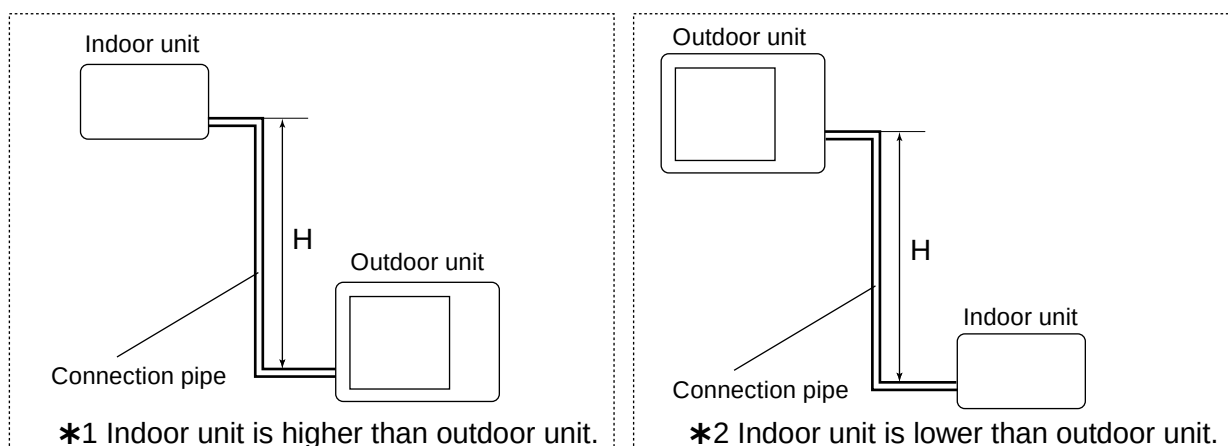


INDOOR UNIT : 7000Btu (AO*G18L2)

COOLING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.940	0.914
		10	-	-	0.973	0.948	0.921
		5	-	0.988	0.977	0.952	0.925
		3	0.992	0.992	0.981	0.956	0.929
		0	1.000	1.000	0.989	0.963	0.936
	*2 Indoor unit is lower than outdoor unit	-3	1.000	1.000	0.989	0.963	0.936
		-5	-	1.000	0.989	0.963	0.936
		-10	-	-	0.989	0.963	0.936
		-15	-	-	-	0.963	0.936

HEATING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.942	0.925
		10	-	-	0.959	0.942	0.925
		5	-	1.000	0.959	0.942	0.925
		3	0.990	1.000	0.959	0.942	0.925
		0	0.990	1.000	0.959	0.942	0.925
	*2 Indoor unit is lower than outdoor unit	-3	0.985	0.995	0.954	0.937	0.920
		-5	-	0.993	0.952	0.935	0.919
		-10	-	-	0.949	0.933	0.916
		-15	-	-	-	0.928	0.911

Height difference H

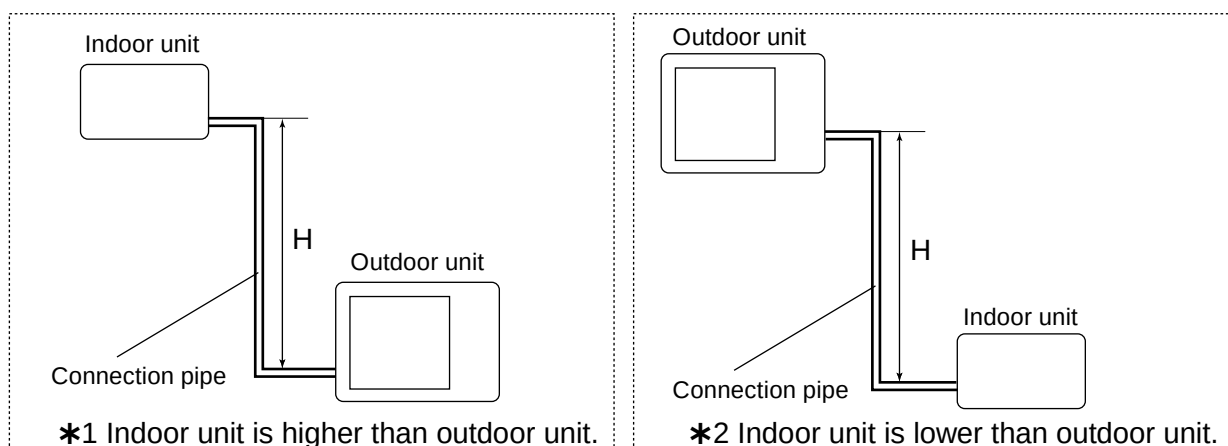


INDOOR UNIT : 9000Btu (AO*G14L2)

COOLING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.924	0.891
		10	-	-	0.962	0.931	0.899
		5	-	0.988	0.966	0.935	0.902
		3	0.992	0.992	0.969	0.939	0.906
		0	1.000	1.000	0.977	0.946	0.913
	*2 Indoor unit is lower than outdoor unit	-3	1.000	1.000	0.977	0.946	0.913
		-5	-	1.000	0.977	0.946	0.913
		-10	-	-	0.977	0.946	0.913
		-15	-	-	-	0.946	0.913

HEATING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.937	0.914
		10	-	-	0.956	0.937	0.914
		5	-	1.000	0.956	0.937	0.914
		3	0.990	1.000	0.956	0.937	0.914
		0	0.990	1.000	0.956	0.937	0.914
	*2 Indoor unit is lower than outdoor unit	-3	0.985	0.995	0.951	0.932	0.909
		-5	-	0.993	0.949	0.930	0.908
		-10	-	-	0.946	0.927	0.905
		-15	-	-	-	0.923	0.900

Height difference H

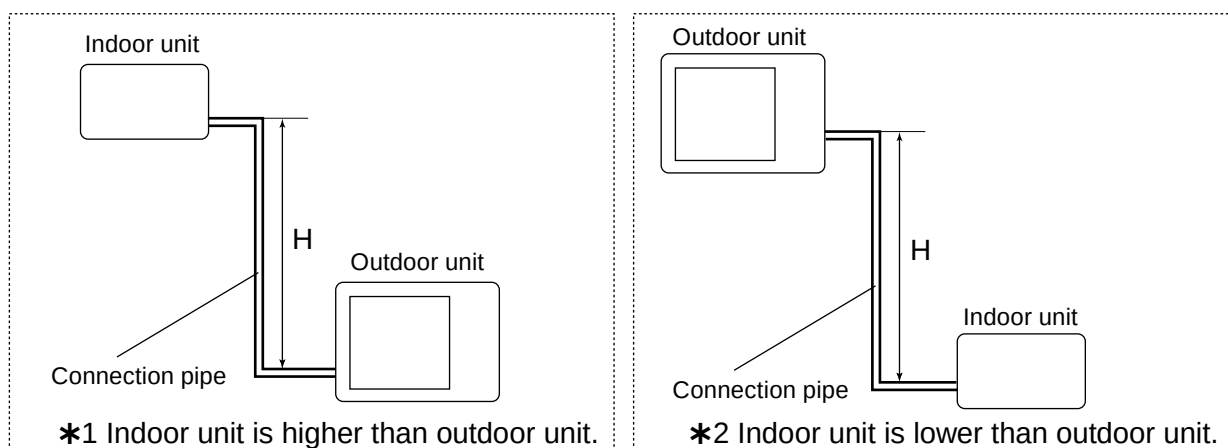


INDOOR UNIT : 9000Btu (AO*G18L2)

COOLING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.928	0.898
		10	-	-	0.966	0.936	0.905
		5	-	0.988	0.969	0.940	0.909
		3	0.992	0.992	0.973	0.943	0.912
		0	1.000	1.000	0.981	0.951	0.920
	*2 Indoor unit is lower than outdoor unit	-3	1.000	1.000	0.981	0.951	0.920
		-5	-	1.000	0.981	0.951	0.920
		-10	-	-	0.981	0.951	0.920
		-15	-	-	-	0.951	0.920

HEATING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.942	0.924
		10	-	-	0.959	0.942	0.924
		5	-	1.000	0.959	0.942	0.924
		3	0.990	1.000	0.959	0.942	0.924
		0	0.990	1.000	0.959	0.942	0.924
	*2 Indoor unit is lower than outdoor unit	-3	0.985	0.995	0.954	0.937	0.919
		-5	-	0.993	0.952	0.935	0.918
		-10	-	-	0.949	0.932	0.915
		-15	-	-	-	0.928	0.910

Height difference H

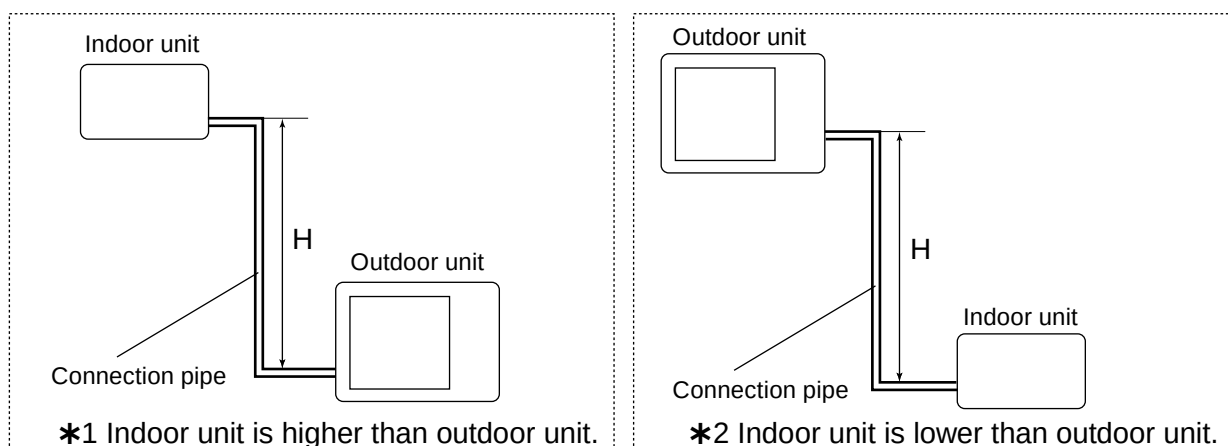


INDOOR UNIT : 12000Btu (AO*G14L2)

COOLING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.914	0.877
		10	-	-	0.959	0.921	0.884
		5	-	0.988	0.962	0.925	0.888
		3	0.992	0.992	0.966	0.929	0.891
		0	1.000	1.000	0.974	0.936	0.899
	*2 Indoor unit is lower than outdoor unit	-3	1.000	1.000	0.974	0.936	0.899
		-5	-	1.000	0.974	0.936	0.899
		-10	-	-	0.974	0.936	0.899
		-15	-	-	-	0.936	0.899

HEATING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.936	0.914
		10	-	-	0.955	0.936	0.914
		5	-	1.000	0.955	0.936	0.914
		3	0.992	1.000	0.955	0.936	0.914
		0	0.992	1.000	0.955	0.936	0.914
	*2 Indoor unit is lower than outdoor unit	-3	0.987	0.995	0.950	0.931	0.909
		-5	-	0.993	0.948	0.929	0.908
		-10	-	-	0.945	0.927	0.905
		-15	-	-	-	0.922	0.900

Height difference H

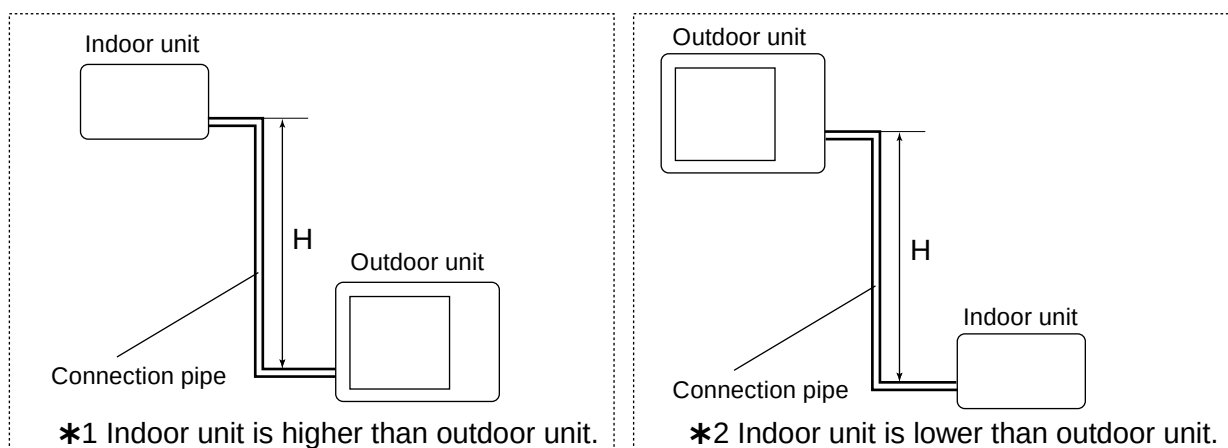


INDOOR UNIT : 12000Btu (AO*G18L2)

COOLING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.919	0.883
		10	-	-	0.962	0.926	0.891
		5	-	0.988	0.966	0.930	0.894
		3	0.992	0.992	0.970	0.934	0.898
		0	1.000	1.000	0.978	0.941	0.905
	*2 Indoor unit is lower than outdoor unit	-3	1.000	1.000	0.978	0.941	0.905
		-5	-	1.000	0.978	0.941	0.905
		-10	-	-	0.978	0.941	0.905
		-15	-	-	-	0.941	0.905

HEATING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.941	0.924
		10	-	-	0.958	0.941	0.924
		5	-	1.000	0.958	0.941	0.924
		3	0.992	1.000	0.958	0.941	0.924
		0	0.992	1.000	0.958	0.941	0.924
	*2 Indoor unit is lower than outdoor unit	-3	0.987	0.995	0.953	0.936	0.919
		-5	-	0.993	0.951	0.934	0.918
		-10	-	-	0.948	0.932	0.915
		-15	-	-	-	0.927	0.910

Height difference H

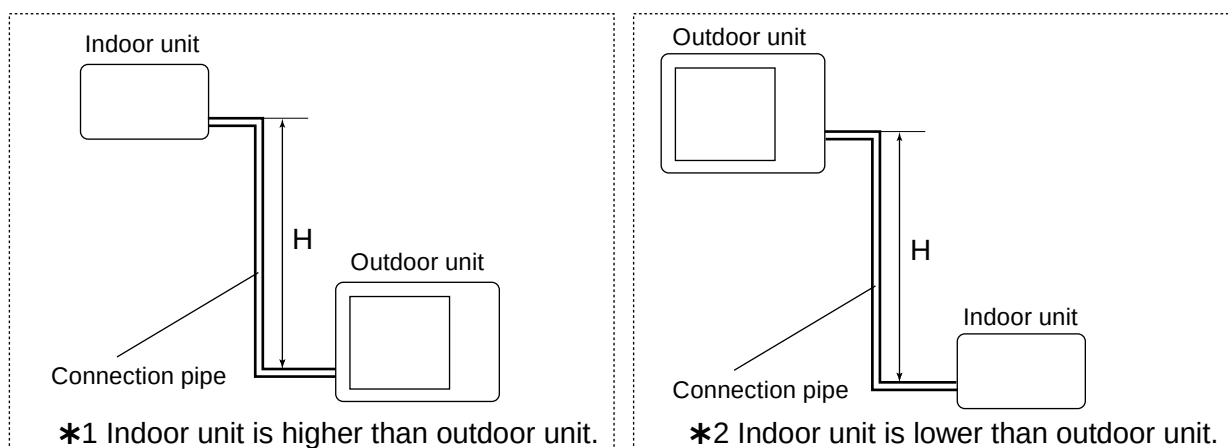


INDOOR UNIT : 14000Btu (AO*G18L2)

COOLING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.947	0.927
		10	-	-	0.974	0.955	0.935
		5	-	0.988	0.978	0.959	0.939
		3	0.992	0.992	0.982	0.963	0.942
		0	1.000	1.000	0.990	0.971	0.950
	*2 Indoor unit is lower than outdoor unit	-3	1.000	1.000	0.990	0.971	0.950
		-5	-	1.000	0.990	0.971	0.950
		-10	-	-	0.990	0.971	0.950
		-15	-	-	-	0.971	0.950

HEATING			Pipe length (m)				
			3	5	10	15	20
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.938	0.920
		10	-	-	0.957	0.938	0.920
		5	-	1.000	0.957	0.938	0.920
		3	0.996	1.000	0.957	0.938	0.920
		0	0.996	1.000	0.957	0.938	0.920
	*2 Indoor unit is lower than outdoor unit	-3	0.991	0.995	0.952	0.933	0.915
		-5	-	0.993	0.950	0.931	0.914
		-10	-	-	0.947	0.929	0.911
		-15	-	-	-	0.924	0.906

Height difference H



7. ADDITIONAL CHARGE CALCULATION

■ MODEL: AO*G14L2

Refrigerant type		R410A
Refrigerant amount	g	1250

● Refrigerant charge

Total pipe length	m	20 or less	30 (MAX.)	10 g/m
Additional charge	g	0	100	

■ MODEL: AO*G18L2

Refrigerant type		R410A
Refrigerant amount	g	1300

● Refrigerant charge

Total pipe length	m	20 or less	30 (MAX.)	20 g/m
Additional charge	g	0	200	

8. AIR FLOW

■ MODEL: AO*G14L2

● Cooling

Number of rotations (r.p.m.)	Air flow	
820	m ³ /h	1850
	l/s	514
	CFM	1089

● Heating

Number of rotations (r.p.m.)	Air flow	
820	m ³ /h	1850
	l/s	514
	CFM	1089

■ MODEL: AO*G18L2

● Cooling

Number of rotations (r.p.m.)	Air flow	
900	m ³ /h	2050
	l/s	569
	CFM	1206

● Heating

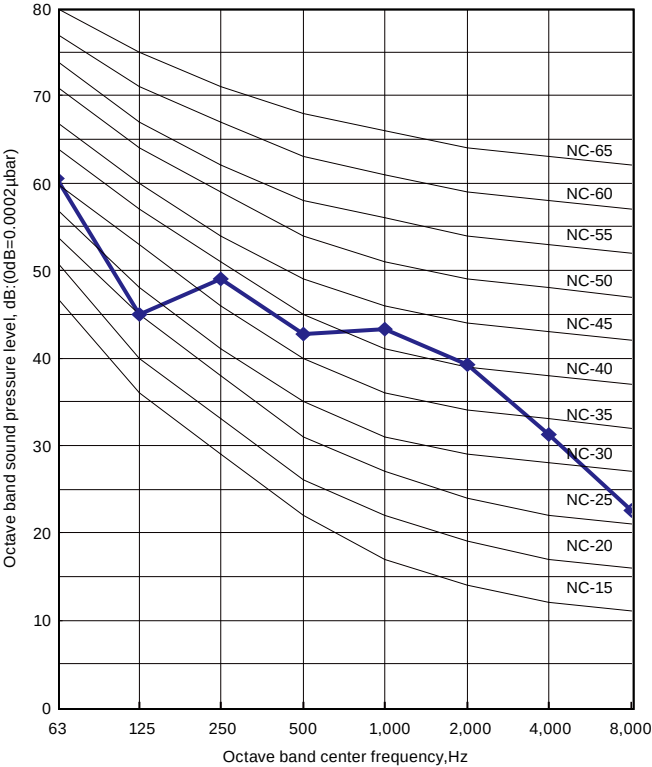
Number of rotations (r.p.m.)	Air flow	
900	m ³ /h	2050
	l/s	569
	CFM	1206

9. OPERATION NOISE (SOUND PRESSURE)

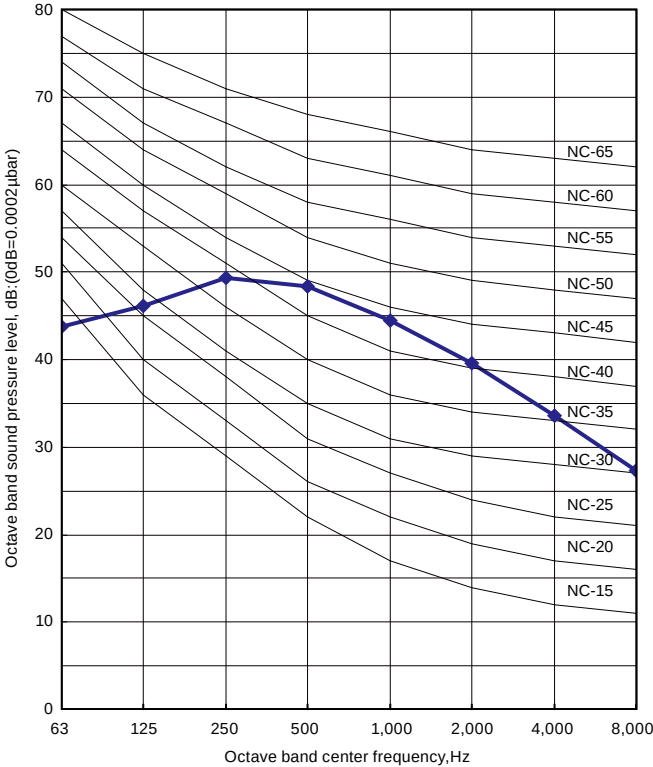
9-1. NOISE LEVEL CURVE

MODEL: AO*G14L2

Cooling

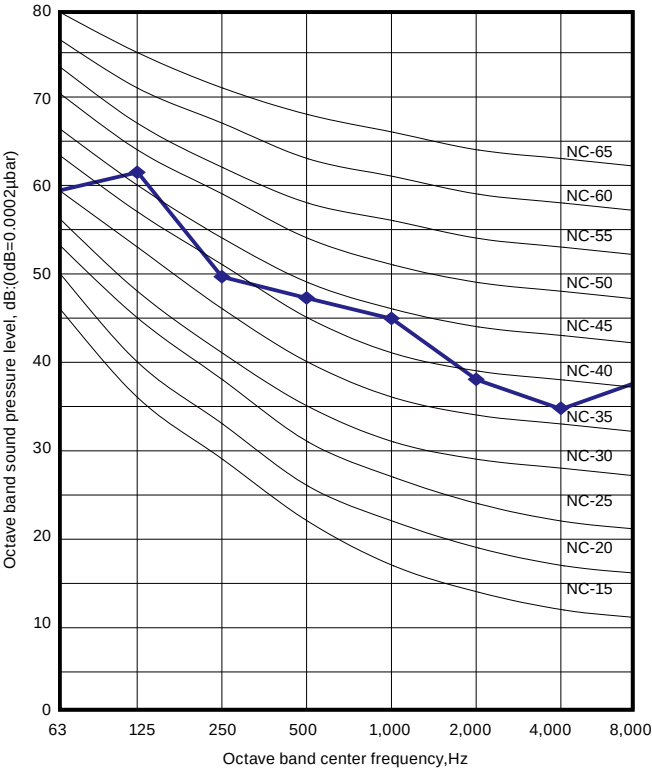


Heating

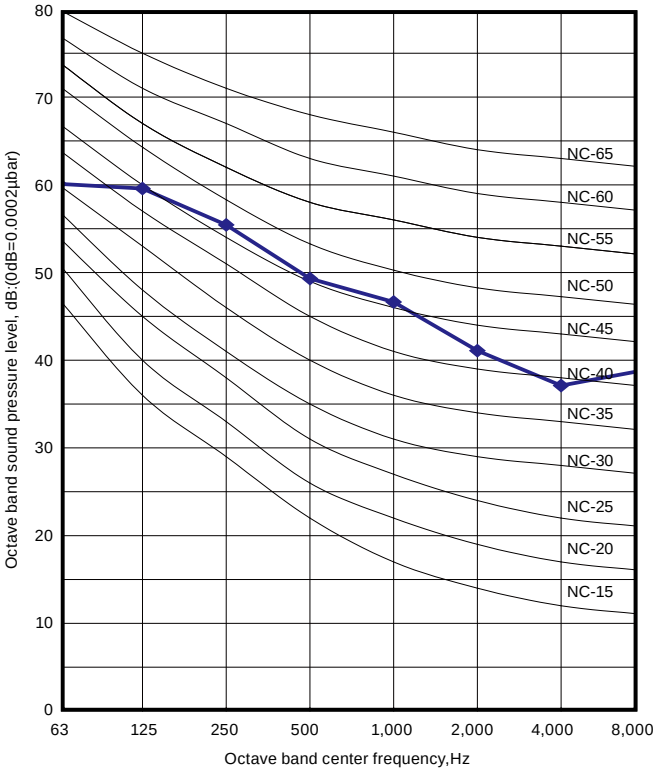


MODEL: AO*G18L2

Cooling

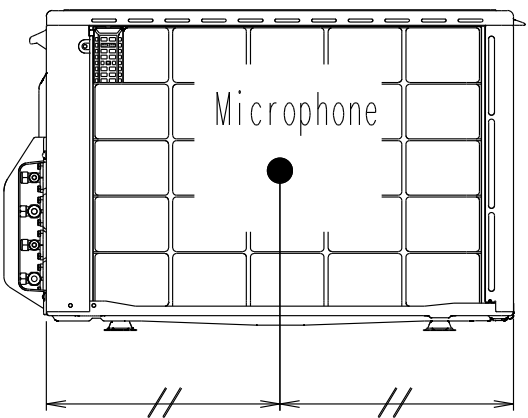
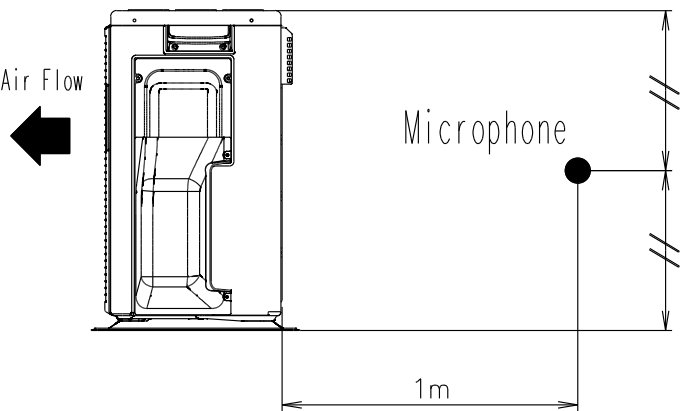


Heating



9-2. SOUND LEVEL CHECK POINT

OUTDOOR UNIT
AO*G14-18L2



OUTDOOR UNIT
AO*G14-18L2

10. ELECTRIC CHARACTERISTICS

Model name			AO*G14L2	AO*G18L2
Power supply	Voltage	V	230 ~	
	Frequency	Hz	50	
Max. operating current		A	10	12
Starting current		A	4.9	6.3
*1) Wiring spec.	Main fuse (Circuit breaker) current	A	15	
	Power cable	mm ²	2.5	
	*2) Limited wiring length	m	16	

*1) Wiring spec.

Selected sample

(Selected based on Japan Electrotechnical Standard and Codes Committee E0005)

*2) Limited wiring length :

This is the wiring length in case voltage descent is less than 2%.

When the wiring length becomes long, please select the wiring of a more larger diameter.

11. SAFETY DEVICES

	Protection form	Model	
		AO*G14L2	AO*G18L2
Circuit protection	Current fuse (MAIN PCB)	15A 250V	
		10A 250V	
		3.15A 250V	
	Current fuse (NEAR THE TERMINAL)	20A 250V	
Fan motor protection	Thermal protector	OFF : 100^{+15}_{-10} °C ON : 95^{+15}_{-10} °C	
Compressor protection	Thermal protection program (DISCHARGE TEMP.)	OFF : 110°C ON : 80°C	
	Thermal protection program (Compressor bottom TEMP.)	—	OFF : 110°C ON : 80°C
Refrigerant circuit protection	Thermal protection program (HEAT EXCHANGER TEMP.)	OFF : 67°C ON : 59°C	

12. INSTALLATION PRECAUTIONS

12-1. OUTDOOR UNIT INSTALLATION PRECAUTIONS

Note: The information listed below are general precautions.
Some models also include items that do not apply.

■ PLACES WHERE USE PROHIBITED

- Places where there is the danger of combustible gas leakage
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated
- Places not affected by heat radiation from other heat sources
- Places where the air is not stagnant
- Places where machinery which generates high frequencies is used
- Ocean beaches and other areas where there is a lot of salt
- Installation in vehicles, ships, and other conveyances
- Factory, etc. where voltage fluctuations are large

■ POINTS TO REMEMBER WHEN INSTALLING

- (1) The set shall be installed at a place which can withstand the weight and vibration of the outdoor unit
- (2) To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space.

*Installation service space is shown on " INSTALLATION PLACE ".

- (3) Be careful when installing the set at the following places.

[Installation precautions]

	Contents	Countermeasures (Reference)
When installed near adjacent houses	Perform installation work so that operating sound does not disturb the neighbors.	(1) Install a soundproof barrier (2) Change the installation site
When there is the possibility of strong wind	(1) If the outdoor unit is exposed to strong wind, capacity may drop, frost may form during heating, and operation may be stopped by high pressure rise. In addition, when a very strong wind blows, the fan may be damaged. (2) When a very strong wind blows, there is the possibility of the outdoor unit being toppled over if held only by foundation bolts	(1) Install with the outlet side Keep a sufficient distance away from a facing wall or fence. (2) Make the outlet direction and wind direction perpendicular. (3) Fasten the outdoor unit using toppling prevention hardware (procured at the site).
When snow accumulates	If the outdoor unit is covered by accumulated snow, it may not be able to operate.	(1) Make the foundation as high as possible. (2) Perform snow prevention work.
When installing the inverter type	It may generate noise in TV sets, stereos and PCs.	(1) The inverter type should be installed at a sufficient distance from these equipments.

3. OUTDOOR UNIT (3 ROOMS TYPE)

MULTI TYPE :

AO*G18LAT3

AO*G24LAT3

CONTENTS

3. OUTDOOR UNIT (3 ROOMS TYPE)

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1. SPECIFICATIONS

The following performance is a value at standard combinations.

■ STANDARD COMBINATION

AO*G18LAT3 : AS*G07LJCA + AS*G07LJCA + AS*G07LJCA

AO*G24LAT3 : AS*G07LJCA + AS*G07LJCA + AS*G09LJCA

Type				INVERTER MULTI MODELS		
				HEAT PUMP TYPE		
Model name				AO*G18LAT3	AO*G24LAT3	
Power source				230V ~ 50Hz		
Available voltage range				198-264V ~ 50Hz		
Capacity	Cooling	Rated	kW	5.4	6.8	
			Btu/h	18400	23200	
		Min. - Max.	kW	1.8 - 6.8	1.8 - 8.5	
			Btu/h	6100 - 23200	6100 - 29000	
	Heating	Rated	kW	6.8	8.0	
			Btu/h	23200	27300	
		Min. - Max.	kW	2.0 - 8.0	2.0 - 9.2	
			Btu/h	6800 - 27300	6800 - 31400	
Input power	Cooling	Rated	kW	1.35	1.94	
				Max.	2.06	2.60
	Heating	Rated		1.62	2.00	
				Max.	2.06	2.87
Current	Cooling	Rated	A	5.9	8.5	
	Heating			7.1	8.8	
EER	Cooling	Rated	kW/kW	4.00	3.51	
COP	Heating			4.20	4.00	
Starting current			A	7.1	8.8	
Maximum operating current			A	9.0	12.5	
Fan	Airflow rate	Cooling	m³/h	3050	3300	
		Heating		2750	3300	
	Type x Q'ty			Propeller × 1		
	Motor output			W	100	
Sound pressure level	Cooling		dB(A)	46	48	
	Heating			47	49	
Heat exchanger type	Dimension (H × W × D)		mm	672 × 900 × 36.4		
	Fin pitch			1.45		
	Rows x Stages		2 × 32			
	Pipe type		Copper tube			
	Fin type		Aluminium			
Compressor	Type x Q'ty		DC TWIN ROTARY × 1			
	Motor output		W	1100		
Refrigerant	Type (Global Warming Potential)		R410A (1975)			
	Charge		g	2200		
Refrigerant oil	Type		POE			
Enclosure	Material		Steel sheet			
	Colour		BEIGE (Approximate colour of MUNSELL 10YR7.5 / 1.0NN)			
Dimensions H ×W ×D	Net		mm	700 × 900 × 330		
	Gross			835 × 1050 × 445		
Weight	Net		kg	55		
	Gross			63		
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4 in.) × 3		
		Gas		Ø9.52 (Ø3/8 in.) × 2, [Ø12.70 (Ø1/2 in.) × 1] *1		
	Method			Flare		
	Pre-charge length (Total)		m	30		
	Max. length (Total)			50		
	Max. length (Each)			25		
	Min. length (Total)			15		
	Min. length (Each)			5		
	Max. height difference between Outdoor Unit and each Indoor Units.			15		
	Max. height difference between Indoor Units.			10		
Operation range	Cooling		°C	-10 to 46		
	Heating			-15 to 24		

*1: Connect to connection valve by the adapter

Note :

Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB. and outdoor temperature of 35°CDB / 24°CWB.

Heating : Indoor temperature of 20°CDB / 15°CWB. and outdoor temperature of 7°CDB / 6°CWB.

Pipe length : 5m, Height difference : 0m. (Outdoor unit - indoor unit)

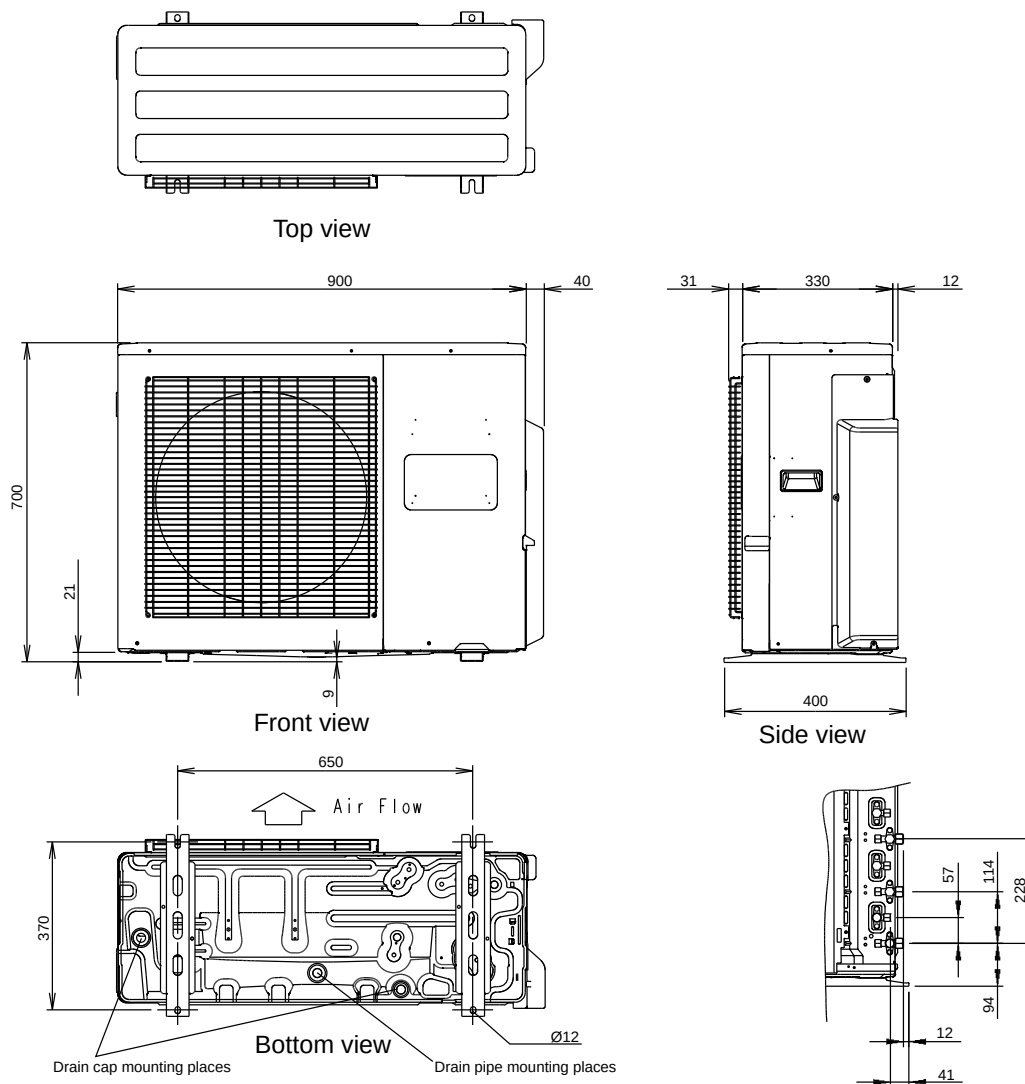
The protective function might work when using it outside the operation range.

Model name				AO*G18LAT3	AO*G24LAT3
Energy efficiency class	Cooling			A++	A++
	Heating (Average)			A+	A+
Pdesign	Cooling	kW	5.4 (35°C)	6.8 (35°C)	
	Heating (Average)		5.0 (-10°C)	5.2 (-10°C)	
SEER	Cooling	kWh/kWh	6.90	6.40	
SCOP	Heating (Average)		4.30	4.20	
Annual energy consumption	QCE		274	372	
	QHE (Average)		1627	1730	
Sound power level	Cooling	High	dB (A)	65	68
	Heating			67	70

2. DIMENSIONS

■ MODEL: AO*G18L3, AO*G24L3

(Unit : mm)



OUTDOOR UNIT
AO*G18-24L3

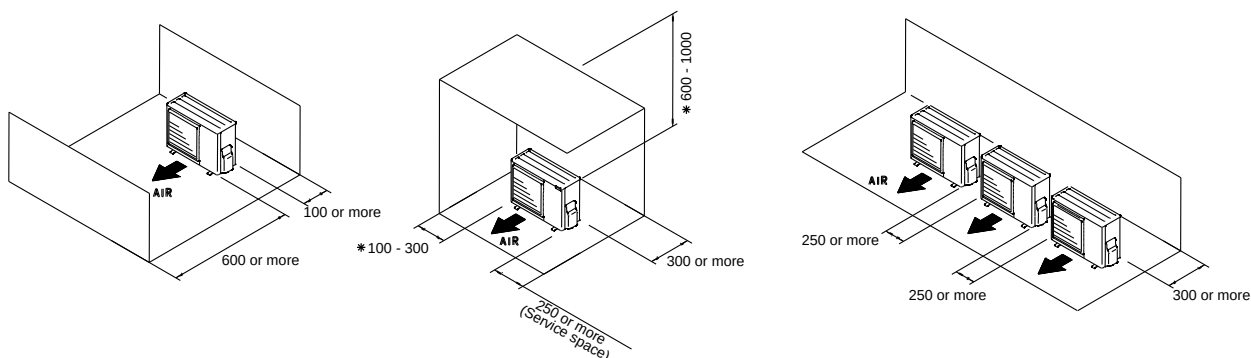
OUTDOOR UNIT
AO*G18-24L3

■ INSTALLATION PLACE

When there are obstacles at the back or front sides.

When there are obstacles at the back, side(s), and top.

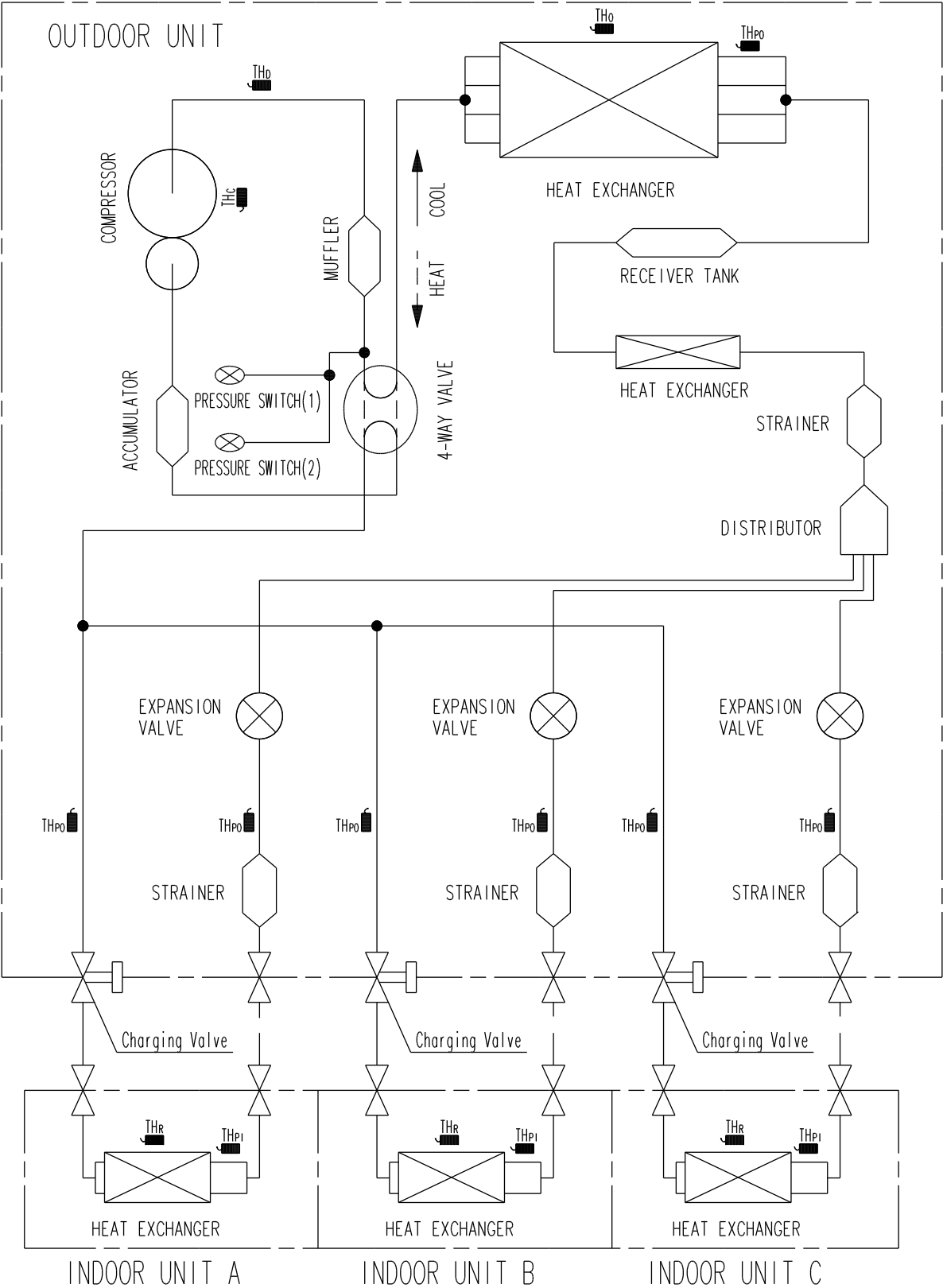
When there are obstacles at the back, side with the installation of more than one unit.



*If the space is larger than that is stated, the condition will be the same as that are no obstacles.

3. REFRIGERANT CIRCUIT

■ MODEL: AO*G18L3, AO*G24L3

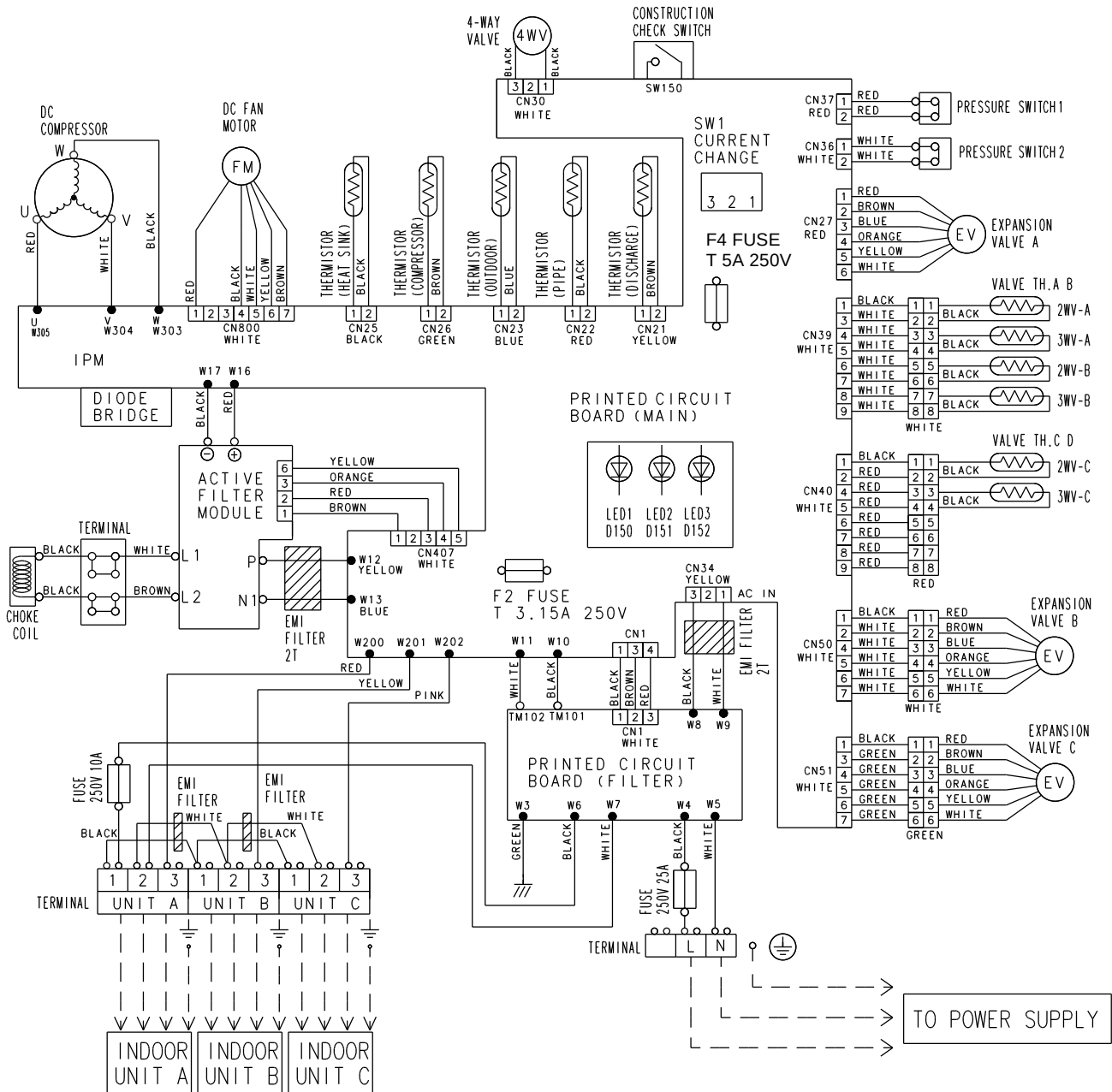


TH_d ■: THERMISTOR(DISCHARGE TEMP.)
TH_o ■: THERMISTOR(OUTDOOR TEMP.)
TH_{po} ■: THERMISTOR(PIPE TEMP.)
TH_c ■: THERMISTOR(COMPRESSOR TEMP.)

TH_R ■: THERMISTOR(ROOM TEMP.)
TH_{pi} ■: THERMISTOR(PIPE TEMP.)

4. WIRING DIAGRAMS

■ MODEL: AO*G18L3, AO*G24L3



5. CAPACITY TABLE

5-1. COMBINATIONS

■ MODEL: AO*G18L3

● Cooling

	Combination of indoor unit			COOLING OPERATION								
				Cooling Capacity				Input Power (min-max)	EER	Seasonal Data		
				Room 1	Room 2	Room 3	Total Capacity (min-max)			Pdesign	SEER	Energy Efficiency Class
				KW	KW	KW	KW					
2 Room	7	7	-	2.30	2.30	-	4.60 (1.8 - 5.0)	1.22 (0.50 - 1.43)	3.77	4.6	6.3	A++
	7	9	-	2.30	2.70	-	5.00 (1.8 - 5.7)	1.35 (0.50 - 1.81)	3.70	5.0	6.2	A++
	7	12	-	1.98	3.02	-	5.00 (1.8 - 6.1)	1.34 (0.50 - 2.06)	3.73	5.0	6.2	A++
	7	14	-	1.88	3.42	-	5.30 (1.8 - 6.6)	1.34 (0.50 - 2.06)	3.96	5.3	6.1	A++
	9	9	-	2.50	2.50	-	5.00 (1.8 - 6.2)	1.35 (0.50 - 2.06)	3.70	5.0	6.2	A++
	9	12	-	2.18	2.82	-	5.00 (1.8 - 6.3)	1.35 (0.50 - 2.06)	3.70	5.0	6.2	A++
	9	14	-	2.07	3.23	-	5.30 (1.8 - 6.7)	1.35 (0.50 - 2.06)	3.93	5.3	6.1	A++
	12	12	-	2.55	2.55	-	5.10 (1.8 - 6.3)	1.35 (0.50 - 2.06)	3.78	5.1	6.1	A++
	12	14	-	2.41	2.89	-	5.30 (1.8 - 6.7)	1.35 (0.50 - 2.06)	3.93	5.3	6.1	A++
3 Room	7	7	7	1.80	1.80	1.80	5.40 (1.8 - 6.8)	1.35 (0.50 - 2.06)	4.00	5.4	6.9	A++
	7	7	9	1.70	1.70	2.00	5.40 (1.8 - 6.8)	1.35 (0.50 - 2.06)	4.00	5.4	6.9	A++
	7	7	12	1.53	1.53	2.33	5.40 (1.8 - 6.8)	1.35 (0.50 - 2.06)	4.00	5.4	6.7	A++
	7	7	14	1.41	1.41	2.58	5.40 (2.0 - 6.8)	1.35 (0.60 - 2.06)	4.00	5.4	6.7	A++
	7	9	9	1.61	1.89	1.89	5.40 (1.8 - 6.8)	1.35 (0.50 - 2.06)	4.00	5.4	6.8	A++
	7	9	12	1.46	1.72	2.22	5.40 (1.8 - 6.8)	1.35 (0.50 - 2.06)	4.00	5.4	6.7	A++
	7	9	14	1.35	1.58	2.47	5.40 (2.0 - 6.8)	1.35 (0.60 - 2.06)	4.00	5.4	6.7	A++
	9	9	9	1.80	1.80	1.80	5.40 (1.8 - 6.8)	1.35 (0.50 - 2.06)	4.00	5.4	6.8	A++
	9	9	12	1.64	1.64	2.12	5.40 (1.8 - 6.8)	1.35 (0.50 - 2.06)	4.00	5.4	6.7	A++

● Heating

	Combination of indoor unit			HEATING OPERATION								
				Heating Capacity				Input Power (min-max)	COP	Seasonal Data		
				Room 1	Room 2	Room 3	Total Capacity (min-max)			Pdesign	SCOP	Energy Efficiency Class
				KW	KW	KW	KW					
2 Room	7	7	-	2.70	2.70	-	5.40 (2.0 - 6.1)	1.59 (0.52 - 1.93)	3.40	4.0	4.1	A+
	7	9	-	2.75	3.25	-	6.00 (2.0 - 6.4)	1.87 (0.52 - 2.06)	3.21	4.0	4.1	A+
	7	12	-	2.59	3.71	-	6.30 (2.0 - 6.5)	1.98 (0.52 - 2.06)	3.18	4.0	4.1	A+
	7	14	-	2.51	4.29	-	6.80 (2.0 - 7.1)	1.92 (0.50 - 2.06)	3.54	4.0	4.1	A+
	9	9	-	3.15	3.15	-	6.30 (2.0 - 6.5)	1.98 (0.52 - 2.06)	3.18	4.0	4.1	A+
	9	12	-	2.89	3.51	-	6.40 (2.0 - 6.6)	1.99 (0.52 - 2.06)	3.22	4.0	4.1	A+
	9	14	-	2.77	4.03	-	6.80 (2.0 - 7.2)	1.91 (0.50 - 2.06)	3.56	4.0	4.1	A+
	12	12	-	3.20	3.20	-	6.40 (2.0 - 6.6)	1.98 (0.52 - 2.06)	3.23	4.0	4.1	A+
	12	14	-	3.09	3.71	-	6.80 (2.0 - 7.3)	1.90 (0.50 - 2.06)	3.58	4.0	4.1	A+
3 Room	7	7	7	2.27	2.27	2.27	6.80 (2.0 - 7.7)	1.62 (0.50 - 2.06)	4.20	5.0	4.3	A+
	7	7	9	2.14	2.14	2.52	6.80 (2.0 - 7.8)	1.62 (0.50 - 2.06)	4.20	5.0	4.3	A+
	7	7	12	1.98	1.98	2.83	6.80 (2.0 - 7.8)	1.59 (0.50 - 2.06)	4.28	5.0	4.3	A+
	7	7	14	1.83	1.83	3.14	6.80 (2.0 - 8.0)	1.61 (0.50 - 2.06)	4.22	5.0	4.3	A+
	7	9	9	2.03	2.39	2.39	6.80 (2.0 - 7.8)	1.60 (0.50 - 2.06)	4.25	5.0	4.3	A+
	7	9	12	1.89	2.22	2.69	6.80 (2.0 - 7.9)	1.59 (0.50 - 2.06)	4.28	5.0	4.3	A+
	7	9	14	1.75	2.06	2.99	6.80 (2.0 - 8.0)	1.60 (0.50 - 2.06)	4.25	5.0	4.3	A+
	9	9	9	2.27	2.27	2.27	6.80 (2.0 - 7.9)	1.59 (0.50 - 2.06)	4.28	5.0	4.3	A+
	9	9	12	2.12	2.12	2.57	6.80 (2.0 - 7.9)	1.59 (0.50 - 2.06)	4.28	5.0	4.3	A+

Notes:

- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h, 14: 14000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB / 19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB / 6 °CWB (outdoor temperature).
- Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 30000 Btu from 14000 Btu.

■ MODEL: AO*G24L3

● Cooling

	Combination of indoor unit			COOLING OPERATION									
				Cooling Capacity				Input Power (min-max)	EER	Seasonal Data			
				Room 1	Room 2	Room 3	Total Capacity (min-max)			Pdesign	SEER	Energy Efficiency Class	
				KW	KW	KW	KW						
2 Room	7	7	-	2.30	2.30	-	4.60 (1.8 - 5.0)	1.20 (0.50 - 1.40)	3.83	4.6	6.3	A++	
	7	9	-	2.30	2.70	-	5.00 (1.8 - 5.7)	1.36 (0.50 - 1.78)	3.68	5.0	6.2	A++	
	7	12	-	2.38	3.42	-	5.80 (1.8 - 6.1)	1.70 (0.50 - 1.97)	3.41	5.8	6.1	A++	
	7	14	-	2.37	4.13	-	6.50 (1.8 - 7.2)	1.91 (0.50 - 2.46)	3.40	6.5	6.0	A+	
	7	18	-	2.08	4.52	-	6.60 (1.8 - 7.8)	1.91 (0.50 - 2.87)	3.46	6.6	5.9	A+	
	9	9	-	2.75	2.75	-	5.50 (1.8 - 6.2)	1.55 (0.50 - 2.02)	3.55	5.5	6.1	A++	
	9	12	-	2.79	3.41	-	6.20 (1.8 - 6.8)	1.90 (0.50 - 2.45)	3.26	6.2	5.9	A+	
	9	14	-	2.66	3.94	-	6.60 (1.8 - 7.7)	1.91 (0.50 - 2.77)	3.46	6.6	6.0	A+	
	9	18	-	2.35	4.35	-	6.70 (1.8 - 7.9)	1.91 (0.50 - 2.87)	3.51	6.7	5.9	A+	
	12	12	-	3.15	3.15	-	6.30 (1.8 - 7.2)	1.90 (0.50 - 2.74)	3.32	6.3	5.9	A+	
	12	14	-	3.03	3.67	-	6.70 (1.8 - 7.8)	1.91 (0.50 - 2.87)	3.51	6.7	5.9	A+	
12	18	-	2.66	4.04	-	6.70 (1.8 - 7.9)	1.92 (0.50 - 2.87)	3.49	6.7	5.8	A+		
3 Room	7	7	7	2.23	2.23	2.23	6.70 (1.8 - 7.4)	1.89 (0.50 - 2.37)	3.54	6.7	6.4	A++	
	7	7	9	2.14	2.14	2.52	6.80 (1.8 - 7.8)	1.94 (0.60 - 2.87)	3.51	6.8	6.4	A++	
	7	7	12	1.98	1.98	2.84	6.80 (1.8 - 8.1)	1.93 (0.50 - 2.87)	3.52	6.8	6.3	A++	
	7	7	14	1.82	1.82	3.16	6.80 (2.0 - 8.4)	1.94 (0.60 - 2.87)	3.51	6.8	6.2	A++	
	7	7	18	1.63	1.63	3.54	6.80 (2.0 - 8.5)	1.94 (0.60 - 2.87)	3.51	6.8	6.1	A++	
	7	9	9	2.03	2.38	2.38	6.80 (1.8 - 8.2)	1.93 (0.50 - 2.87)	3.52	6.8	6.4	A++	
	7	9	12	1.88	2.21	2.70	6.80 (1.8 - 8.2)	1.93 (0.50 - 2.87)	3.52	6.8	6.2	A++	
	7	9	14	1.74	2.04	3.02	6.80 (2.0 - 8.4)	1.94 (0.60 - 2.87)	3.51	6.8	6.2	A++	
	7	9	18	1.56	1.84	3.40	6.80 (2.0 - 8.5)	1.94 (0.60 - 2.87)	3.51	6.8	6.1	A++	
	7	12	12	1.76	2.52	2.52	6.80 (1.8 - 8.2)	1.94 (0.50 - 2.87)	3.51	6.8	6.2	A++	
	7	12	14	1.63	2.34	2.83	6.80 (2.0 - 8.5)	1.94 (0.60 - 2.87)	3.51	6.8	6.2	A++	
	9	9	9	2.27	2.27	2.27	6.80 (1.8 - 8.2)	1.94 (0.50 - 2.87)	3.51	6.8	6.4	A++	
	9	9	12	2.11	2.11	2.58	6.80 (1.8 - 8.3)	1.94 (0.50 - 2.87)	3.51	6.8	6.2	A++	
	9	9	14	1.95	1.95	2.89	6.80 (2.0 - 8.5)	1.94 (0.60 - 2.87)	3.51	6.8	6.2	A++	
	9	9	18*1	1.77	1.77	3.27	6.80 (2.0 - 8.5)	1.94 (0.60 - 2.87)	3.51	6.8	6.1	A++	
	9	12	12	1.97	2.41	2.41	6.80 (1.8 - 8.3)	1.94 (0.50 - 2.87)	3.51	6.8	6.2	A++	
	9	12	14	1.84	2.24	2.72	6.80 (2.0 - 8.5)	1.94 (0.60 - 2.87)	3.51	6.8	6.2	A++	
12	12	12	2.27	2.27	2.27	6.80 (1.8 - 8.3)	1.94 (0.50 - 2.87)	3.51	6.8	6.1	A++		

Notes:

- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h ,14:14000Btu/h ,18:18000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB / 19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 36000 Btu from 14000 Btu.
- *1: When "AS*G18L" is connected, connect at least 1 wall mounted type of 9000Btu.

● Heating

	Combination of indoor unit				HEATING OPERATION							
					Heating Capacity				Input Power (min-max)	COP	Seasonal Data	
					Room 1	Room 2	Room 3	Total Capacity (min-max)			Pdesign	Energy Efficiency Class
					KW	KW	KW	KW			kW	
2 Room	7	7	-	-	2.75	2.75	-	5.50 (2.0 - 6.1)	1.55 (0.52 - 1.93)	3.55	4.0	A+
	7	9	-	-	2.80	3.30	-	6.10 (2.0 - 7.0)	1.82 (0.52 - 2.52)	3.35	4.0	A+
	7	12	-	-	2.88	4.12	-	7.00 (2.0 - 7.3)	2.31 (0.52 - 2.66)	3.03	4.0	A+
	7	14	-	-	2.80	4.80	-	7.60 (2.0 - 8.3)	2.28 (0.50 - 2.87)	3.33	4.0	A+
	7	18	-	-	2.51	5.39	-	7.90 (2.0 - 8.3)	2.34 (0.50 - 2.87)	3.38	4.0	A+
	9	9	-	-	3.30	3.30	-	6.60 (2.0 - 7.4)	2.04 (0.52 - 2.68)	3.24	4.0	A+
	9	12	-	-	3.30	4.00	-	7.30 (2.0 - 7.7)	2.43 (0.52 - 2.87)	3.00	4.0	A+
	9	14	-	-	3.22	4.68	-	7.90 (2.0 - 8.3)	2.38 (0.50 - 2.87)	3.32	4.0	A+
	9	18	-	-	2.84	5.16	-	8.00 (2.0 - 8.5)	2.32 (0.50 - 2.87)	3.45	4.0	A+
	12	12	-	-	3.80	3.80	-	7.60 (2.0 - 7.8)	2.54 (0.52 - 2.87)	2.99	4.0	A+
	12	14	-	-	3.59	4.31	-	7.90 (2.0 - 8.4)	2.37 (0.50 - 2.87)	3.33	4.0	A+
	12	18	-	-	3.20	4.80	-	8.00 (2.0 - 8.6)	2.31 (0.50 - 2.87)	3.46	4.0	A+
3 Room	7	7	7	-	2.60	2.60	2.60	7.80 (2.0 - 8.6)	1.94 (0.50 - 2.68)	4.02	5.0	A+
	7	7	9	-	2.52	2.52	2.96	8.00 (2.0 - 8.8)	2.00 (0.50 - 2.87)	4.00	5.2	A+
	7	7	12	-	2.34	2.34	3.32	8.00 (2.0 - 8.9)	1.99 (0.50 - 2.80)	4.02	5.2	A+
	7	7	14	-	2.16	2.16	3.68	8.00 (2.0 - 9.2)	1.91 (0.50 - 2.72)	4.19	5.2	A+
	7	7	18	-	1.94	1.94	4.12	8.00 (2.0 - 9.2)	1.89 (0.50 - 2.70)	4.23	5.2	A+
	7	9	9	-	2.38	2.81	2.81	8.00 (2.0 - 9.0)	1.99 (0.50 - 2.87)	4.02	5.2	A+
	7	9	12	-	2.23	2.62	3.15	8.00 (2.0 - 9.1)	1.98 (0.50 - 2.87)	4.04	5.2	A+
	7	9	14	-	2.06	2.42	3.52	8.00 (2.0 - 9.2)	1.91 (0.50 - 2.72)	4.19	5.2	A+
	7	9	18	-	1.85	2.18	3.97	8.00 (2.0 - 9.2)	1.89 (0.50 - 2.69)	4.23	5.2	A+
	7	12	12	-	2.08	2.96	2.96	8.00 (2.0 - 9.1)	1.97 (0.50 - 2.87)	4.06	5.2	A+
	7	12	14	-	1.93	2.76	3.31	8.00 (2.0 - 9.2)	1.90 (0.50 - 2.70)	4.21	5.2	A+
	9	9	9	-	2.67	2.67	2.67	8.00 (2.0 - 9.1)	1.98 (0.50 - 2.87)	4.04	5.2	A+
	9	9	12	-	2.49	2.49	3.02	8.00 (2.0 - 9.2)	1.97 (0.50 - 2.87)	4.06	5.2	A+
	9	9	14	-	2.32	2.32	3.37	8.00 (2.0 - 9.2)	1.89 (0.50 - 2.70)	4.23	5.2	A+
	9	9	18*1	-	2.10	2.10	3.81	8.00 (2.0 - 9.2)	1.87 (0.50 - 2.68)	4.28	5.2	A+
	9	12	12	-	2.34	2.83	2.83	8.00 (2.0 - 9.2)	1.96 (0.50 - 2.80)	4.08	5.2	A+
	9	12	14	-	2.18	2.64	3.17	8.00 (2.0 - 9.2)	1.89 (0.50 - 2.69)	4.23	5.2	A+
	12	12	12	-	2.67	2.67	2.67	8.00 (2.0 - 9.2)	1.95 (0.50 - 2.78)	4.10	5.2	A+

Notes:

- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h, 14: 14000Btu/h, 18: 18000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB / 6 °CWB (outdoor temperature).
- Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 36000 Btu from 14000 Btu.
- *1: When "AS*G18L" is connected, connect at least 1 wall mounted type of 9000Btu.

5-2. COOLING CAPACITY

This table is created using the maximum capacity.

Note: 2 or more indoor units should be connected.

■ MODEL : AO*G18L3

● Indoor unit : 7000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB					
7	Outdoor temperature	°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB					
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	2.17	1.64	0.31	2.42	1.65	0.31	2.50	1.80	0.31	2.66	1.80	0.31	2.74	1.95	0.32	2.91	1.94	0.32	2.99	1.94	0.32	2.99	1.94	0.32		
		-5	2.08	1.60	0.35	2.31	1.61	0.35	2.39	1.75	0.35	2.55	1.76	0.36	2.63	1.90	0.36	2.79	1.89	0.36	2.87	1.89	0.36	2.87	1.89	0.36		
		0	2.04	1.59	0.38	2.27	1.60	0.39	2.35	1.74	0.39	2.51	1.74	0.39	2.58	1.88	0.40	2.74	1.87	0.40	2.82	1.87	0.40	2.82	1.87	0.40		
		5	2.02	1.58	0.39	2.25	1.59	0.40	2.33	1.73	0.40	2.48	1.73	0.40	2.56	1.87	0.41	2.72	1.86	0.41	2.79	1.86	0.41	2.79	1.86	0.41		
		10	2.04	1.59	0.40	2.27	1.60	0.40	2.35	1.74	0.41	2.51	1.74	0.41	2.58	1.88	0.41	2.74	1.87	0.42	2.82	1.87	0.42	2.82	1.87	0.42		
		15	1.99	1.56	0.41	2.21	1.57	0.42	2.29	1.71	0.42	2.44	1.72	0.43	2.52	1.85	0.43	2.67	1.85	0.43	2.74	1.84	0.43	2.74	1.84	0.43		
		20	2.12	1.62	0.45	2.36	1.63	0.46	2.44	1.77	0.46	2.60	1.78	0.46	2.68	1.92	0.46	2.84	1.91	0.47	2.92	1.91	0.47	2.92	1.91	0.47		
		25	2.05	1.59	0.45	2.29	1.60	0.46	2.36	1.74	0.46	2.52	1.75	0.47	2.60	1.89	0.47	2.75	1.88	0.48	2.83	1.88	0.48	2.83	1.88	0.48		
		30	1.95	1.54	0.50	2.17	1.55	0.51	2.24	1.69	0.51	2.39	1.69	0.51	2.46	1.83	0.52	2.61	1.82	0.52	2.68	1.82	0.52	2.68	1.82	0.52		
		35	2.13	1.63	0.72	2.38	1.64	0.74	2.46	1.78	0.74	2.62	1.79	0.75	2.70	1.93	0.75	2.86	1.92	0.76	2.94	1.92	0.76	2.94	1.92	0.76		
		40	2.07	1.60	0.80	2.31	1.61	0.82	2.39	1.75	0.82	2.54	1.76	0.83	2.62	1.90	0.83	2.78	1.89	0.84	2.86	1.89	0.84	2.86	1.89	0.84		
46	1.89	1.53	0.91	2.11	1.54	0.93	2.18	1.67	0.93	2.32	1.68	0.94	2.39	1.81	0.95	2.54	1.81	0.95	2.61	1.80	0.96	2.61	1.80	0.96				

● Indoor unit : 9000Btu

		Indoor temperature																										
		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB								
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB					
9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	2.19	1.73	0.30	2.44	1.74	0.30	2.52	1.89	0.30	2.69	1.90	0.31	2.77	2.05	0.31	2.94	2.05	0.31	3.02	2.04	0.31	3.02	2.04	0.31		
		-5	2.10	1.69	0.34	2.34	1.70	0.34	2.42	1.85	0.34	2.58	1.86	0.35	2.66	2.00	0.35	2.82	2.00	0.35	2.90	1.99	0.35	2.90	1.99	0.35		
		0	2.06	1.67	0.37	2.30	1.68	0.38	2.38	1.83	0.38	2.53	1.84	0.38	2.61	1.98	0.38	2.77	1.98	0.39	2.85	1.97	0.39	2.85	1.97	0.39		
		5	2.05	1.66	0.38	2.28	1.67	0.39	2.36	1.82	0.39	2.51	1.83	0.39	2.59	1.97	0.39	2.75	1.97	0.40	2.82	1.96	0.40	2.82	1.96	0.40		
		10	2.06	1.67	0.39	2.30	1.68	0.39	2.38	1.83	0.39	2.53	1.84	0.40	2.61	1.98	0.40	2.77	1.98	0.40	2.85	1.97	0.41	2.85	1.97	0.41		
		15	2.10	1.69	0.44	2.34	1.70	0.45	2.42	1.85	0.45	2.58	1.86	0.45	2.66	2.00	0.46	2.82	2.00	0.46	2.90	1.99	0.46	2.90	1.99	0.46		
		20	2.41	1.83	0.56	2.69	1.84	0.57	2.78	2.00	0.57	2.97	2.01	0.58	3.06	2.17	0.58	3.24	2.16	0.59	3.33	2.16	0.59	3.33	2.16	0.59		
		25	2.34	1.80	0.57	2.61	1.81	0.58	2.69	1.97	0.58	2.87	1.97	0.59	2.96	2.13	0.59	3.14	2.12	0.60	3.23	2.12	0.60	3.23	2.12	0.60		
		30	2.22	1.74	0.63	2.47	1.75	0.64	2.55	1.91	0.64	2.72	1.91	0.65	2.81	2.07	0.65	2.98	2.06	0.65	3.06	2.06	0.66	3.06	2.06	0.66		
		35	2.61	1.92	1.05	2.90	1.93	1.07	3.00	2.09	1.07	3.20	2.10	1.08	3.30	2.27	1.09	3.50	2.26	1.10	3.60	2.26	1.11	3.60	2.26	1.11		
40	2.47	1.86	1.17	2.75	1.87	1.19	2.85	2.03	1.19	3.03	2.04	1.20	3.13	2.20	1.21	3.32	2.19	1.22	3.41	2.19	1.23	3.41	2.19	1.23				
46	2.27	1.78	1.33	2.53	1.79	1.35	2.62	1.95	1.35	2.79	1.96	1.37	2.87	2.11	1.37	3.05	2.11	1.39	3.13	2.10	1.39	3.13	2.10	1.39				

● Indoor unit : 12000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB						
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB						
12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	2.75	2.08	0.40	3.07	2.10	0.40	3.17	2.28	0.41	3.38	2.29	0.41	3.48	2.47	0.41	3.69	2.46	0.42	3.80	2.45	0.42	3.80	2.45	0.42	3.80	2.45	0.42
		-5	2.64	2.03	0.45	2.94	2.04	0.46	3.04	2.22	0.46	3.24	2.23	0.46	3.34	2.41	0.47	3.54	2.40	0.47	3.64	2.39	0.47	3.64	2.39	0.47	3.64	2.39	0.47
		0	2.59	2.01	0.50	2.89	2.02	0.51	2.98	2.20	0.51	3.18	2.21	0.51	3.28	2.38	0.52	3.48	2.37	0.52	3.58	2.37	0.52	3.58	2.37	0.52	3.58	2.37	0.52
		5	2.57	2.00	0.51	2.86	2.01	0.52	2.96	2.19	0.52	3.15	2.20	0.53	3.25	2.37	0.53	3.45	2.36	0.53	3.54	2.36	0.54	3.54	2.36	0.54	3.54	2.36	0.54
		10	2.59	2.01	0.52	2.89	2.02	0.53	2.98	2.20	0.53	3.18	2.21	0.53	3.28	2.38	0.54	3.48	2.37	0.54	3.58	2.37	0.54	3.58	2.37	0.54	3.58	2.37	0.54
		15	2.52	1.98	0.54	2.81	1.99	0.55	2.91	2.16	0.55	3.10	2.17	0.55	3.19	2.35	0.56	3.38	2.34	0.56	3.48	2.34	0.56	3.48	2.33	0.57	3.48	2.33	0.57
		20	3.11	2.23	0.79	3.46	2.25	0.81	3.58	2.44	0.81	3.81	2.45	0.82	3.93	2.65	0.82	4.17	2.64	0.83	4.28	2.63	0.83	4.28	2.63	0.83	4.28	2.63	0.83
		25	3.01	2.19	0.80	3.35	2.21	0.82	3.47	2.40	0.82	3.69	2.41	0.83	3.81	2.60	0.83	4.04	2.59	0.84	4.15	2.58	0.85	4.15	2.58	0.85	4.15	2.58	0.85
		30	2.85	2.13	0.88	3.18	2.14	0.90	3.28	2.32	0.90	3.50	2.33	0.91	3.61	2.52	0.91	3.83	2.51	0.92	3.93	2.51	0.93	3.93	2.51	0.93	3.93	2.51	0.93
35	2.92	2.16	1.11	3.26	2.17	1.13	3.37	2.36	1.13	3.59	2.37	1.14	3.70	2.56	1.15	3.92	2.55	1.16	4.03	2.54	1.17	4.03	2.54	1.17	4.03	2.54	1.17		
40	2.77	2.09	1.23	3.09	2.10	1.25	3.19	2.29	1.26	3.40	2.30	1.27	3.51	2.48	1.28	3.72	2.47	1.29	3.82	2.46	1.30	3.82	2.46	1.30	3.82	2.46	1.30		
46	2.55	2.01	1.40	2.84	2.02	1.42	2.93	2.20	1.43	3.13	2.20	1.44	3.22	2.38	1.45	3.42	2.37	1.46	3.51	2.37	1.47	3.51	2.37	1.47	3.51	2.37	1.47		

● Indoor unit : 7000Btu + 7000Btu

		Indoor temperature																					
		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
7+7	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	3.69	2.84	0.49	4.11	2.86	0.49	4.25	3.11	0.50	4.53	3.12	0.50	4.67	3.37	0.50	4.95	3.36	0.51	5.09	3.35	0.51
		-5	3.54	2.78	0.55	3.94	2.79	0.56	4.07	3.04	0.56	4.34	3.05	0.57	4.48	3.29	0.57	4.74	3.28	0.58	4.88	3.27	0.58
		0	3.47	2.75	0.61	3.87	2.76	0.62	4.00	3.00	0.62	4.27	3.02	0.63	4.40	3.26	0.63	4.66	3.24	0.64	4.79	3.24	0.64
		5	3.44	2.73	0.62	3.84	2.75	0.63	3.97	2.99	0.64	4.23	3.00	0.64	4.36	3.24	0.65	4.62	3.23	0.65	4.75	3.22	0.66
		10	3.47	2.75	0.63	3.87	2.76	0.64	4.00	3.00	0.65	4.27	3.02	0.65	4.40	3.26	0.66	4.66	3.24	0.66	4.79	3.24	0.67
		15	3.38	2.70	0.66	3.77	2.72	0.67	3.90	2.96	0.67	4.15	2.97	0.68	4.28	3.21	0.68	4.54	3.19	0.69	4.67	3.19	0.69
		20	4.16	3.05	0.97	4.64	3.07	0.99	4.80	3.34	0.99	5.11	3.35	1.00	5.27	3.62	1.01	5.59	3.60	1.02	5.75	3.60	1.02
		25	4.03	3.00	0.98	4.49	3.01	1.00	4.65	3.28	1.00	4.95	3.29	1.01	5.11	3.55	1.02	5.41	3.54	1.03	5.57	3.53	1.03
		30	3.82	2.90	1.08	4.26	2.92	1.10	4.40	3.18	1.10	4.69	3.19	1.11	4.84	3.44	1.12	5.13	3.43	1.13	5.28	3.42	1.14
		35	3.95	2.96	1.38	4.40	2.98	1.40	4.55	3.24	1.41	4.85	3.25	1.42	5.00	3.51	1.43	5.30	3.49	1.44	5.45	3.49	1.45
		40	3.74	2.87	1.53	4.17	2.89	1.56	4.31	3.14	1.56	4.60	3.15	1.58	4.74	3.40	1.59	5.02	3.39	1.60	5.17	3.38	1.61
46	3.44	2.76	1.88	3.83	2.77	1.88	3.96	3.01	1.88	4.23	3.03	1.88	4.36	3.27	1.88	4.62	3.25	1.88	4.75	3.25	1.88		

● Indoor unit : 7000Btu + 9000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	4.25	3.18	0.63	4.74	3.20	0.64	4.90	3.48	0.64	5.22	3.49	0.65	5.38	3.77	0.65	5.71	3.76	0.66	5.87	3.75	0.66		
		-5	4.08	3.10	0.71	4.54	3.12	0.73	4.69	3.39	0.73	5.00	3.41	0.74	5.16	3.68	0.74	5.47	3.67	0.75	5.62	3.66	0.75		
		0	4.00	3.07	0.79	4.46	3.09	0.80	4.61	3.36	0.80	4.92	3.37	0.81	5.07	3.64	0.82	5.37	3.63	0.82	5.53	3.62	0.83		
		5	3.97	3.06	0.81	4.42	3.08	0.82	4.57	3.34	0.83	4.87	3.36	0.83	5.02	3.62	0.84	5.33	3.61	0.85	5.48	3.60	0.85		
		10	4.00	3.07	0.82	4.46	3.09	0.83	4.61	3.36	0.84	4.92	3.37	0.85	5.07	3.64	0.85	5.37	3.63	0.86	5.53	3.62	0.86		
		15	3.90	3.03	0.85	4.34	3.04	0.86	4.49	3.31	0.87	4.79	3.32	0.88	4.93	3.59	0.88	5.23	3.57	0.89	5.38	3.57	0.90		
		20	4.45	3.26	1.07	4.95	3.29	1.09	5.12	3.57	1.09	5.46	3.58	1.10	5.63	3.87	1.11	5.97	3.86	1.12	6.13	3.85	1.12		
		25	4.31	3.21	1.08	4.80	3.23	1.10	4.96	3.51	1.11	5.29	3.52	1.12	5.45	3.80	1.12	5.78	3.79	1.13	5.94	3.78	1.14		
		30	4.08	3.11	1.19	4.55	3.13	1.21	4.70	3.40	1.21	5.01	3.41	1.23	5.17	3.68	1.23	5.48	3.67	1.25	5.63	3.66	1.25		
		35	4.50	3.29	1.75	5.02	3.31	1.77	5.19	3.60	1.78	5.53	3.61	1.80	5.70	3.90	1.81	6.04	3.88	1.83	6.21	3.88	1.84		
		40	4.28	3.19	1.94	4.77	3.21	1.97	4.93	3.49	1.98	5.26	3.51	2.00	5.42	3.78	2.01	5.74	3.77	2.03	5.91	3.76	2.06		
46	3.50	2.92	1.88	3.90	2.93	1.88	4.03	3.19	1.88	4.30	3.20	1.88	4.43	3.45	1.88	4.70	3.44	1.88	4.83	3.44	1.88				

● Indoor unit : 7000Btu + 12000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	4.43	3.33	0.68	4.93	3.35	0.69	5.10	3.64	0.69	5.43	3.66	0.70	5.60	3.95	0.70	5.94	3.93	0.71	6.11	3.93	0.71		
		-5	4.24	3.25	0.77	4.72	3.27	0.78	4.88	3.55	0.78	5.21	3.57	0.79	5.37	3.85	0.79	5.69	3.84	0.80	5.85	3.83	0.81		
		0	4.17	3.22	0.85	4.64	3.24	0.86	4.80	3.52	0.86	5.12	3.53	0.87	5.27	3.81	0.88	5.59	3.80	0.88	5.75	3.79	0.89		
		5	4.13	3.20	0.87	4.60	3.22	0.88	4.76	3.50	0.89	5.07	3.51	0.89	5.23	3.79	0.90	5.54	3.78	0.91	5.70	3.77	0.91		
		10	4.17	3.22	0.88	4.64	3.24	0.89	4.80	3.52	0.90	5.12	3.53	0.91	5.27	3.81	0.91	5.59	3.80	0.92	5.75	3.79	0.92		
		15	4.16	3.22	0.96	4.64	3.24	0.98	4.79	3.52	0.98	5.11	3.53	0.99	5.27	3.81	1.00	5.59	3.80	1.01	5.74	3.79	1.01		
		20	5.11	3.62	1.42	5.69	3.64	1.44	5.88	3.96	1.44	6.27	3.97	1.46	6.47	4.29	1.47	6.85	4.28	1.48	7.05	4.27	1.49		
		25	4.95	3.55	1.43	5.51	3.58	1.46	5.70	3.89	1.46	6.08	3.90	1.48	6.26	4.21	1.48	6.64	4.20	1.50	6.83	4.19	1.51		
		30	4.69	3.45	1.57	5.23	3.47	1.60	5.40	3.77	1.61	5.76	3.78	1.62	5.94	4.08	1.63	6.29	4.07	1.65	6.47	4.06	1.66		
		35	4.82	3.50	1.99	5.37	3.52	2.02	5.55	3.83	2.03	5.92	3.84	2.06	6.10	4.15	2.06	6.47	4.13	2.06	6.65	4.13	2.06		
		40	4.39	3.32	1.99	4.90	3.34	2.02	5.06	3.63	2.03	5.40	3.64	2.06	5.56	3.93	2.06	5.90	3.92	2.06	6.06	3.91	2.06		
46	3.56	3.03	1.88	3.97	3.05	1.88	4.10	3.31	1.88	4.37	3.32	1.88	4.51	3.59	1.88	4.78	3.58	1.88	4.92	3.57	1.88				

● Indoor unit : 7000Btu + 14000Btu

		Indoor temperature																															
		°CDB				18°CDB				21°CDB				23°CDB				25°CDB				27°CDB				29°CDB				32°CDB			
		°CWB				12°CWB				15°CWB				16°CWB				18°CWB				19°CWB				21°CWB				23°CWB			
7+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP				
		-10	5.15	3.89	0.79	5.74	3.91	0.80	5.94	4.25	0.81	6.33	4.27	0.81	6.52	4.61	0.82	6.91	4.59	0.83	7.11	4.58	0.83										
		-5	4.94	3.79	0.90	5.50	3.82	0.91	5.69	4.15	0.91	6.06	4.17	0.92	6.25	4.50	0.93	6.63	4.48	0.94	6.81	4.47	0.94										
		0	4.85	3.76	0.99	5.40	3.78	1.00	5.59	4.11	1.01	5.96	4.12	1.02	6.14	4.45	1.02	6.51	4.44	1.03	6.69	4.43	1.04										
		5	4.81	3.74	1.01	5.36	3.76	1.03	5.54	4.09	1.03	5.90	4.10	1.05	6.09	4.43	1.05	6.45	4.41	1.06	6.64	4.40	1.07										
		10	4.85	3.76	1.03	5.40	3.78	1.04	5.59	4.11	1.05	5.96	4.12	1.06	6.14	4.45	1.06	6.51	4.44	1.07	6.69	4.43	1.08										
		15	5.05	3.84	1.23	5.62	3.87	1.25	5.81	4.20	1.25	6.20	4.22	1.27	6.39	4.55	1.27	6.77	4.54	1.28	6.96	4.53	1.29										
		20	5.76	4.15	1.55	6.42	4.18	1.57	6.64	4.54	1.58	7.08	4.56	1.59	7.30	4.92	1.60	7.73	4.90	1.62	7.95	4.89	1.63										
		25	5.58	4.08	1.57	6.22	4.10	1.59	6.43	4.46	1.60	6.86	4.47	1.61	7.07	4.83	1.62	7.49	4.81	1.64	7.70	4.80	1.65										
		30	5.29	3.95	1.72	5.90	3.98	1.75	6.10	4.32	1.76	6.50	4.34	1.77	6.70	4.68	1.78	7.10	4.67	1.80	7.30	4.66	1.81										
		35	5.21	3.92	1.99	5.81	3.94	2.02	6.01	4.28	2.03	6.40	4.30	2.06	6.60	4.64	2.06	7.00	4.62	2.06	7.19	4.62	2.06										
		40	4.66	3.67	1.95	5.19	3.69	1.98	5.37	4.01	1.99	5.72	4.03	2.01	5.90	4.35	2.02	6.25	4.33	2.06	6.43	4.33	2.06										
46	3.75	3.34	1.88	4.18	3.36	1.88	4.32	3.66	1.88	4.60	3.67	1.88	4.75	3.96	1.88	5.03	3.95	1.88	5.17	3.94	1.88												

● Indoor unit : 9000Btu + 9000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	4.38	3.34	0.64	4.88	3.36	0.65	5.04	3.65	0.65	5.38	3.67	0.66	5.54	3.96	0.66	5.87	3.94	0.67	6.04	3.94	0.67		
		-5	4.20	3.26	0.72	4.67	3.28	0.73	4.83	3.56	0.74	5.15	3.58	0.75	5.31	3.86	0.75	5.63	3.85	0.76	5.79	3.84	0.76		
		0	4.12	3.23	0.80	4.59	3.25	0.81	4.75	3.53	0.81	5.06	3.54	0.82	5.22	3.82	0.83	5.53	3.81	0.84	5.69	3.80	0.84		
		5	4.09	3.21	0.82	4.55	3.23	0.83	4.71	3.51	0.84	5.02	3.52	0.84	5.17	3.80	0.85	5.48	3.79	0.86	5.64	3.78	0.86		
		10	4.12	3.23	0.83	4.59	3.25	0.84	4.75	3.53	0.85	5.06	3.54	0.86	5.22	3.82	0.86	5.53	3.81	0.87	5.69	3.80	0.87		
		15	4.23	3.27	0.96	4.71	3.30	0.98	4.87	3.58	0.98	5.19	3.59	0.99	5.36	3.88	1.00	5.68	3.87	1.01	5.84	3.86	1.01		
		20	4.89	3.56	1.25	5.45	3.58	1.27	5.63	3.89	1.27	6.00	3.91	1.28	6.19	4.22	1.29	6.56	4.20	1.30	6.75	4.20	1.31		
		25	4.74	3.50	1.26	5.28	3.52	1.28	5.46	3.82	1.29	5.82	3.84	1.30	6.00	4.14	1.31	6.36	4.13	1.32	6.54	4.12	1.33		
		30	4.49	3.39	1.39	5.00	3.41	1.41	5.17	3.71	1.41	5.51	3.72	1.43	5.68	4.02	1.44	6.02	4.00	1.45	6.20	3.99	1.46		
		35	4.90	3.56	1.99	5.46	3.59	2.02	5.64	3.90	2.03	6.01	3.91	2.06	6.20	4.22	2.06	6.57	4.21	2.06	6.76	4.20	2.06		
		40	4.44	3.37	1.99	4.94	3.39	2.02	5.11	3.68	2.03	5.45	3.70	2.06	5.62	3.99	2.06	5.95	3.97	2.06	6.12	3.97	2.06		
46	3.58	3.07	1.88	3.99	3.09	1.88	4.12	3.35	1.88	4.40	3.37	1.88	4.53	3.63	1.88	4.80	3.62	1.88	4.94	3.61	1.88				

● Indoor unit : 9000Btu + 12000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	4.63	3.52	0.69	5.16	3.54	0.71	5.33	3.85	0.71	5.68	3.86	0.72	5.86	4.17	0.72	6.21	4.15	0.73	6.39	4.15	0.73		
		-5	4.44	3.43	0.79	4.94	3.45	0.80	5.11	3.75	0.80	5.45	3.77	0.81	5.62	4.07	0.82	5.95	4.05	0.82	6.12	4.04	0.83		
		0	4.36	3.40	0.87	4.86	3.42	0.88	5.02	3.71	0.89	5.35	3.73	0.90	5.52	4.03	0.90	5.85	4.01	0.91	6.01	4.00	0.91		
		5	4.32	3.38	0.89	4.81	3.40	0.91	4.98	3.70	0.91	5.30	3.71	0.92	5.47	4.00	0.92	5.80	3.99	0.93	5.96	3.98	0.94		
		10	4.36	3.40	0.90	4.86	3.42	0.92	5.02	3.71	0.92	5.35	3.73	0.93	5.52	4.03	0.94	5.85	4.01	0.95	6.01	4.00	0.95		
		15	4.51	3.46	1.07	5.02	3.49	1.08	5.19	3.79	1.09	5.54	3.80	1.10	5.71	4.10	1.11	6.05	4.09	1.12	6.22	4.08	1.12		
		20	5.50	3.89	1.55	6.13	3.91	1.57	6.34	4.25	1.58	6.76	4.27	1.59	6.96	4.61	1.60	7.38	4.59	1.62	7.59	4.58	1.63		
		25	5.33	3.82	1.57	5.94	3.84	1.59	6.14	4.17	1.60	6.54	4.19	1.61	6.75	4.52	1.62	7.15	4.51	1.64	7.35	4.50	1.65		
		30	5.05	3.70	1.72	5.63	3.72	1.75	5.82	4.05	1.76	6.20	4.06	1.77	6.40	4.39	1.78	6.78	4.37	1.80	6.97	4.36	1.81		
		35	4.98	3.67	1.99	5.54	3.69	2.02	5.73	4.01	2.03	6.11	4.03	2.06	6.30	4.35	2.06	6.68	4.33	2.06	6.87	4.32	2.06		
		40	4.46	3.44	1.95	4.97	3.46	1.98	5.14	3.77	1.99	5.48	3.78	2.01	5.65	4.08	2.02	5.99	4.07	2.06	6.16	4.06	2.06		
46	3.62	3.15	1.88	4.04	3.17	1.88	4.17	3.44	1.88	4.45	3.46	1.88	4.59	3.73	1.88	4.86	3.72	1.88	5.00	3.71	1.88				

● Indoor unit : 9000Btu + 14000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
9+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	5.47	4.13	0.87	6.09	4.15	0.88	6.30	4.51	0.89	6.72	4.53	0.90	6.92	4.89	0.90	7.34	4.87	0.91	7.55	4.86	0.91		
		-5	5.24	4.03	0.98	5.84	4.05	1.00	6.04	4.40	1.00	6.44	4.42	1.02	6.64	4.77	1.02	7.03	4.75	1.03	7.23	4.75	1.04		
		0	5.15	3.98	1.09	5.74	4.01	1.10	5.93	4.36	1.11	6.32	4.37	1.12	6.52	4.72	1.13	6.91	4.71	1.14	7.11	4.70	1.14		
		5	5.11	3.96	1.11	5.69	3.99	1.13	5.88	4.34	1.14	6.27	4.35	1.15	6.46	4.70	1.16	6.85	4.68	1.17	7.04	4.67	1.17		
		10	5.15	3.98	1.13	5.74	4.01	1.15	5.93	4.36	1.15	6.32	4.37	1.16	6.52	4.72	1.17	6.91	4.71	1.18	7.11	4.70	1.19		
		15	5.44	4.11	1.39	6.06	4.14	1.42	6.27	4.50	1.42	6.68	4.52	1.44	6.88	4.87	1.44	7.30	4.86	1.46	7.50	4.85	1.47		
		20	6.11	4.40	1.69	6.80	4.43	1.72	7.03	4.81	1.73	7.50	4.83	1.75	7.73	5.21	1.75	8.19	5.19	1.77	8.42	5.18	1.78		
		25	5.91	4.32	1.71	6.59	4.35	1.74	6.81	4.72	1.75	7.26	4.74	1.77	7.49	5.12	1.78	7.94	5.10	1.79	8.16	5.09	1.80		
		30	5.61	4.19	1.88	6.25	4.21	1.91	6.46	4.58	1.92	6.88	4.60	1.94	7.10	4.96	1.95	7.52	4.94	1.97	7.74	4.93	1.98		
		35	5.29	4.05	1.99	5.90	4.07	2.02	6.10	4.43	2.03	6.50	4.44	2.06	6.70	4.80	2.06	7.10	4.78	2.06	7.30	4.77	2.06		
		40	4.73	3.79	1.95	5.27	3.82	1.98	5.45	4.15	1.99	5.81	4.16	2.01	5.99	4.50	2.02	6.35	4.48	2.06	6.53	4.47	2.06		
46	3.81	3.46	1.88	4.24	3.48	1.88	4.38	3.78	1.88	4.67	3.79	1.88	4.82	4.09	1.88	5.11	4.08	1.88	5.25	4.07	1.88				

● Indoor unit : 12000Btu + 12000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
12+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	4.92	3.69	0.79	5.48	3.71	0.80	5.67	4.04	0.81	6.04	4.05	0.81	6.23	4.37	0.82	6.60	4.36	0.83	6.79	4.35	0.83		
		-5	4.71	3.60	0.90	5.25	3.62	0.91	5.43	3.94	0.91	5.79	3.95	0.92	5.97	4.27	0.93	6.32	4.25	0.94	6.50	4.24	0.94		
		0	4.63	3.56	0.99	5.16	3.59	1.00	5.33	3.90	1.01	5.69	3.91	1.02	5.86	4.22	1.02	6.21	4.21	1.03	6.39	4.20	1.04		
		5	4.59	3.55	1.01	5.11	3.57	1.03	5.29	3.88	1.03	5.64	3.89	1.05	5.81	4.20	1.05	6.16	4.19	1.06	6.33	4.18	1.07		
		10	4.63	3.56	1.03	5.16	3.59	1.04	5.33	3.90	1.05	5.69	3.91	1.06	5.86	4.22	1.06	6.21	4.21	1.07	6.39	4.20	1.08		
		15	4.82	3.65	1.23	5.36	3.67	1.25	5.55	3.99	1.25	5.91	4.00	1.27	6.10	4.32	1.27	6.46	4.30	1.28	6.65	4.30	1.29		
		20	5.98	4.13	1.84	6.66	4.16	1.87	6.88	4.52	1.88	7.34	4.54	1.90	7.56	4.90	1.91	8.02	4.88	1.93	8.24	4.87	1.94		
		25	5.79	4.06	1.87	6.45	4.08	1.90	6.67	4.44	1.90	7.11	4.45	1.92	7.33	4.81	1.93	7.77	4.79	1.95	7.99	4.78	1.96		
		30	5.40	3.90	1.99	6.02	3.92	2.02	6.22	4.26	2.03	6.63	4.28	2.06	6.84	4.62	2.06	7.25	4.60	2.06	7.45	4.59	2.06		
		35	4.98	3.72	1.99	5.54	3.74	2.02	5.73	4.06	2.03	6.11	4.08	2.06	6.30	4.40	2.06	6.68	4.39	2.06	6.87	4.38	2.06		
		40	4.46	3.48	1.95	4.96	3.51	1.98	5.13	3.81	1.99	5.47	3.83	2.01	5.64	4.13	2.02	5.98	4.11	2.06	6.15	4.11	2.06		
46	3.61	3.19	1.88	4.03	3.21	1.88	4.16	3.49	1.88	4.44	3.50	1.88	4.58	3.78	1.88	4.85	3.76	1.88	4.99	3.76	1.88				

● Indoor unit : 12000Btu + 14000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	5.93	4.38	1.03	6.61	4.41	1.05	6.83	4.79	1.05	7.29	4.81	1.06	7.51	5.19	1.07	7.96	5.17	1.08	8.19	5.16	1.09			
		-5	5.69	4.27	1.17	6.33	4.30	1.19	6.55	4.67	1.19	6.98	4.69	1.21	7.20	5.06	1.21	7.63	5.05	1.22	7.85	5.04	1.23			
		0	5.59	4.23	1.29	6.22	4.26	1.31	6.44	4.63	1.32	6.86	4.64	1.33	7.07	5.01	1.34	7.50	5.00	1.35	7.71	4.99	1.36			
		5	5.54	4.21	1.32	6.17	4.24	1.35	6.38	4.60	1.35	6.80	4.62	1.37	7.01	4.99	1.37	7.43	4.97	1.39	7.64	4.96	1.39			
		10	5.59	4.23	1.34	6.22	4.26	1.36	6.44	4.63	1.37	6.86	4.64	1.38	7.07	5.01	1.39	7.50	5.00	1.40	7.71	4.99	1.41			
		15	5.75	4.30	1.57	6.40	4.33	1.59	6.62	4.70	1.60	7.06	4.72	1.61	7.27	5.10	1.62	7.71	5.08	1.64	7.93	5.07	1.65			
		20	6.60	4.66	1.99	7.35	4.69	2.02	7.60	5.10	2.03	8.10	5.11	2.06	8.35	5.52	2.06	8.85	5.50	2.06	9.11	5.49	2.06			
		25	6.35	4.55	1.99	7.07	4.58	2.02	7.31	4.98	2.03	7.79	5.00	2.06	8.03	5.40	2.06	8.52	5.38	2.06	8.76	5.37	2.06			
		30	5.74	4.30	1.99	6.40	4.33	2.02	6.62	4.70	2.03	7.05	4.72	2.06	7.27	5.09	2.06	7.71	5.08	2.06	7.93	5.07	2.06			
		35	5.29	4.10	1.99	5.90	4.13	2.02	6.10	4.48	2.03	6.50	4.50	2.06	6.70	4.86	2.06	7.10	4.84	2.06	7.30	4.83	2.06			
		40	4.73	3.84	1.95	5.27	3.87	1.98	5.45	4.20	1.99	5.81	4.22	2.01	5.99	4.55	2.02	6.35	4.54	2.06	6.53	4.53	2.06			
46	3.81	3.50	1.88	4.24	3.52	1.88	4.38	3.83	1.88	4.67	3.84	1.88	4.82	4.15	1.88	5.11	4.13	1.88	5.25	4.12	1.88					

● Indoor unit : 7000Btu + 7000Btu + 7000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB					
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB					
7+7+7	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	5.12	4.03	0.73	5.71	4.06	0.74	5.90	4.41	0.75	6.29	4.43	0.76	6.48	4.78	0.76	6.87	4.76	0.77	7.07	4.75	0.77					
		-5	4.91	3.94	0.83	5.47	3.96	0.84	5.65	4.30	0.85	6.03	4.32	0.86	6.21	4.66	0.86	6.59	4.65	0.87	6.77	4.64	0.87					
		0	4.82	3.90	0.92	5.37	3.92	0.93	5.56	4.26	0.93	5.92	4.28	0.94	6.11	4.62	0.95	6.47	4.60	0.96	6.66	4.59	0.96					
		5	4.78	3.88	0.94	5.33	3.90	0.95	5.51	4.24	0.96	5.87	4.25	0.97	6.05	4.59	0.97	6.41	4.58	0.98	6.60	4.57	0.99					
		10	4.82	3.90	0.95	5.37	3.92	0.97	5.56	4.26	0.97	5.92	4.28	0.98	6.11	4.62	0.99	6.47	4.60	1.00	6.66	4.59	1.00					
		15	4.70	3.83	0.99	5.23	3.86	1.00	5.41	4.19	1.01	5.77	4.21	1.02	5.94	4.54	1.02	6.30	4.53	1.03	6.48	4.52	1.04					
		20	5.94	4.39	1.55	6.62	4.42	1.57	6.84	4.81	1.58	7.29	4.82	1.59	7.52	5.21	1.60	7.97	5.19	1.62	8.19	5.18	1.63					
		25	5.75	4.31	1.57	6.41	4.34	1.59	6.63	4.72	1.60	7.06	4.74	1.61	7.28	5.11	1.62	7.72	5.09	1.64	7.94	5.09	1.65					
		30	5.45	4.18	1.72	6.07	4.21	1.75	6.28	4.57	1.76	6.70	4.59	1.77	6.90	4.96	1.78	7.32	4.94	1.80	7.52	4.93	1.81					
		35	5.37	4.15	1.99	5.98	4.17	2.02	6.19	4.53	2.03	6.60	4.55	2.06	6.80	4.91	2.06	7.21	4.90	2.06	7.41	4.89	2.06					
		40	4.80	3.89	1.95	5.35	3.91	1.98	5.53	4.25	1.99	5.90	4.27	2.01	6.08	4.60	2.02	6.44	4.59	2.06	6.63	4.58	2.06					
46	3.86	3.54	1.88	4.30	3.56	1.88	4.45	3.87	1.88	4.74	3.89	1.88	4.89	4.19	1.88	5.18	4.18	1.88	5.33	4.17	1.88							

● Indoor unit : 7000Btu + 7000Btu + 9000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+7+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	5.31	4.19	0.79	5.91	4.22	0.80	6.11	4.59	0.81	6.52	4.61	0.81	6.72	4.97	0.82	7.12	4.95	0.83	7.32	4.94	0.83		
		-5	5.09	4.09	0.90	5.67	4.12	0.91	5.86	4.48	0.91	6.25	4.49	0.92	6.44	4.85	0.93	6.83	4.83	0.94	7.02	4.82	0.94		
		0	5.00	4.05	0.99	5.57	4.08	1.00	5.76	4.43	1.01	6.14	4.45	1.02	6.33	4.80	1.02	6.71	4.78	1.03	6.90	4.77	1.04		
		5	4.95	4.03	1.01	5.52	4.06	1.03	5.71	4.41	1.03	6.08	4.42	1.05	6.27	4.78	1.05	6.65	4.76	1.06	6.84	4.75	1.07		
		10	5.00	4.05	1.03	5.57	4.08	1.04	5.76	4.43	1.05	6.14	4.45	1.06	6.33	4.80	1.06	6.71	4.78	1.07	6.90	4.77	1.08		
		15	5.09	4.09	1.17	5.67	4.12	1.19	5.86	4.48	1.20	6.25	4.49	1.21	6.44	4.85	1.22	6.83	4.83	1.23	7.02	4.82	1.23		
		20	6.20	4.59	1.69	6.90	4.62	1.72	7.14	5.02	1.73	7.61	5.04	1.75	7.84	5.44	1.75	8.31	5.42	1.77	8.55	5.41	1.78		
		25	6.00	4.50	1.71	6.69	4.53	1.74	6.92	4.93	1.75	7.37	4.95	1.77	7.60	5.34	1.78	8.06	5.32	1.79	8.28	5.31	1.80		
		30	5.69	4.37	1.88	6.34	4.39	1.91	6.56	4.78	1.92	6.99	4.79	1.94	7.20	5.18	1.95	7.64	5.16	1.97	7.85	5.15	1.98		
		35	5.37	4.22	1.99	5.98	4.25	2.02	6.19	4.62	2.03	6.60	4.64	2.06	6.80	5.01	2.06	7.21	4.99	2.06	7.41	4.98	2.06		
		40	4.80	3.96	1.95	5.35	3.98	1.98	5.53	4.33	1.99	5.90	4.35	2.01	6.08	4.69	2.02	6.44	4.67	2.06	6.63	4.67	2.06		
46	3.86	3.60	1.88	4.30	3.63	1.88	4.45	3.94	1.88	4.74	3.96	1.88	4.89	4.27	1.88	5.18	4.26	1.88	5.33	4.25	1.88				

● Indoor unit : 7000Btu + 7000Btu + 14000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
7+7+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	6.36	4.94	1.16	7.09	4.97	1.18	7.33	5.40	1.18	7.81	5.43	1.20	8.05	5.86	1.20	8.54	5.84	1.21	8.78	5.83	1.22	8.78	5.83	1.22
		-5	6.10	4.82	1.31	6.79	4.85	1.34	7.02	5.27	1.34	7.49	5.29	1.36	7.72	5.71	1.36	8.18	5.69	1.38	8.41	5.68	1.38	8.41	5.68	1.38
		0	5.99	4.77	1.45	6.67	4.80	1.47	6.90	5.22	1.48	7.36	5.24	1.50	7.58	5.66	1.50	8.04	5.64	1.52	8.27	5.63	1.53	8.27	5.63	1.53
		5	5.94	4.75	1.49	6.62	4.78	1.51	6.84	5.19	1.52	7.29	5.21	1.54	7.52	5.63	1.54	7.97	5.61	1.56	8.19	5.60	1.57	8.19	5.60	1.57
		10	5.99	4.77	1.51	6.67	4.80	1.53	6.90	5.22	1.54	7.36	5.24	1.56	7.58	5.66	1.56	8.04	5.64	1.58	8.27	5.63	1.59	8.27	5.63	1.59
		15	6.09	4.82	1.71	6.78	4.85	1.74	7.01	5.27	1.75	7.47	5.29	1.77	7.70	5.71	1.78	8.17	5.69	1.79	8.40	5.68	1.80	8.40	5.68	1.80
		20	6.94	5.20	1.99	7.73	5.23	2.02	8.00	5.68	2.03	8.52	5.71	2.06	8.79	6.16	2.06	9.31	6.14	2.06	9.58	6.13	2.06	9.58	6.13	2.06
		25	6.44	4.98	1.99	7.17	5.01	2.02	7.42	5.44	2.03	7.91	5.46	2.06	8.15	5.90	2.06	8.64	5.88	2.06	8.89	5.87	2.06	8.89	5.87	2.06
		30	5.83	4.70	1.99	6.49	4.73	2.02	6.72	5.14	2.03	7.16	5.16	2.06	7.38	5.57	2.06	7.82	5.55	2.06	8.04	5.54	2.06	8.04	5.54	2.06
		35	5.37	4.48	1.99	5.98	4.51	2.02	6.19	4.90	2.03	6.60	4.92	2.06	6.80	5.31	2.06	7.21	5.29	2.06	7.41	5.28	2.06	7.41	5.28	2.06
		40	4.80	4.20	1.95	5.35	4.22	1.98	5.53	4.59	1.99	5.90	4.61	2.01	6.08	4.98	2.02	6.44	4.96	2.06	6.63	4.95	2.06	6.63	4.95	2.06
		46	3.86	3.82	1.88	4.30	3.85	1.88	4.45	4.18	1.88	4.74	4.20	1.88	4.89	4.53	1.88	5.18	4.52	1.88	5.33	4.51	1.88	5.33	4.51	1.88

● Indoor unit : 7000Btu + 9000Btu + 9000Btu

		Indoor temperature																										
		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB								
		°CDB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB					
7+9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	5.55	4.39	0.87	6.18	4.42	0.88	6.39	4.80	0.89	6.82	4.82	0.90	7.03	5.21	0.90	7.45	5.19	0.91	7.66	5.18	0.91					
		-5	5.32	4.29	0.98	5.93	4.31	1.00	6.13	4.69	1.00	6.53	4.71	1.02	6.73	5.08	1.02	7.14	5.06	1.03	7.34	5.05	1.04					
		0	5.23	4.24	1.09	5.82	4.27	1.10	6.02	4.64	1.11	6.42	4.66	1.12	6.62	5.03	1.13	7.01	5.01	1.14	7.21	5.00	1.14					
		5	5.18	4.22	1.11	5.77	4.25	1.13	5.97	4.62	1.14	6.36	4.63	1.15	6.56	5.00	1.16	6.95	4.98	1.17	7.15	4.98	1.17					
		10	5.23	4.24	1.13	5.82	4.27	1.15	6.02	4.64	1.15	6.42	4.66	1.16	6.62	5.03	1.17	7.01	5.01	1.18	7.21	5.00	1.19					
		15	5.52	4.38	1.39	6.15	4.41	1.42	6.36	4.79	1.42	6.78	4.81	1.44	6.99	5.19	1.44	7.41	5.17	1.46	7.62	5.16	1.47					
		20	6.60	4.86	1.93	7.35	4.89	1.96	7.60	5.31	1.97	8.10	5.33	1.99	8.35	5.76	2.00	8.85	5.74	2.03	9.11	5.72	2.06					
		25	6.39	4.77	1.99	7.12	4.80	2.02	7.36	5.21	2.03	7.85	5.24	2.06	8.09	5.65	2.06	8.58	5.63	2.06	8.82	5.62	2.06					
		30	5.83	4.52	1.99	6.49	4.55	2.02	6.72	4.94	2.03	7.16	4.96	2.06	7.38	5.36	2.06	7.82	5.34	2.06	8.04	5.33	2.06					
		35	5.37	4.31	1.99	5.98	4.34	2.02	6.19	4.71	2.03	6.60	4.73	2.06	6.80	5.11	2.06	7.21	5.09	2.06	7.41	5.08	2.06					
		40	4.80	4.04	1.95	5.35	4.07	1.98	5.53	4.42	1.99	5.90	4.43	2.01	6.08	4.79	2.02	6.44	4.77	2.06	6.63	4.76	2.06					
		46	3.86	3.68	1.88	4.30	3.70	1.88	4.45	4.02	1.88	4.74	4.04	1.88	4.89	4.36	1.88	5.18	4.34	1.88	5.33	4.34	1.88					

● Indoor unit : 7000Btu + 9000Btu + 12000Btu

		Indoor temperature																										
		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB								
		°CDB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB					
7+9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	6.02	4.66	1.03	6.71	4.69	1.05	6.94	5.10	1.05	7.39	5.12	1.06	7.62	5.53	1.07	8.08	5.51	1.08	8.31	5.50	1.09					
		-5	5.77	4.55	1.17	6.43	4.58	1.19	6.65	4.98	1.19	7.09	5.00	1.21	7.31	5.39	1.21	7.74	5.37	1.22	7.96	5.36	1.23					
		0	5.67	4.50	1.29	6.32	4.53	1.31	6.53	4.93	1.32	6.96	4.94	1.33	7.18	5.34	1.34	7.61	5.32	1.35	7.82	5.31	1.36					
		5	5.62	4.48	1.32	6.26	4.51	1.35	6.47	4.90	1.35	6.90	4.92	1.37	7.11	5.31	1.37	7.54	5.29	1.39	7.75	5.28	1.39					
		10	5.67	4.50	1.34	6.32	4.53	1.36	6.53	4.93	1.37	6.96	4.94	1.38	7.18	5.34	1.39	7.61	5.32	1.40	7.82	5.31	1.41					
		15	5.83	4.58	1.57	6.50	4.61	1.59	6.72	5.01	1.60	7.16	5.03	1.61	7.38	5.43	1.62	7.83	5.41	1.64	8.05	5.40	1.65					
		20	6.94	5.06	1.99	7.73	5.10	2.02	8.00	5.54	2.03	8.52	5.56	2.06	8.79	6.00	2.06	9.31	5.98	2.06	9.58	5.97	2.06					
		25	6.44	4.85	1.99	7.17	4.88	2.02	7.42	5.30	2.03	7.91	5.32	2.06	8.15	5.75	2.06	8.64	5.73	2.06	8.89	5.72	2.06					
		30	5.83	4.58	1.99	6.49	4.61	2.02	6.72	5.01	2.03	7.16	5.03	2.06	7.38	5.42	2.06	7.82	5.40	2.06	8.04	5.40	2.06					
35	5.37	4.36	1.99	5.98	4.39	2.02	6.19	4.77	2.03	6.60	4.79	2.06	6.80	5.17	2.06	7.21	5.15	2.06	7.41	5.14	2.06							
40	4.80	4.09	1.95	5.35	4.12	1.98	5.53	4.47	1.99	5.90	4.49	2.01	6.08	4.85	2.02	6.44	4.83	2.06	6.63	4.82	2.06							
46	3.86	3.73	1.88	4.30	3.75	1.88	4.45	4.07	1.88	4.74	4.09	1.88	4.89	4.42	1.88	5.18	4.40	1.88	5.33	4.39	1.88							

● Indoor unit : 9000Btu + 9000Btu + 9000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
9+9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	5.67	4.53	0.91	6.32	4.56	0.92	6.53	4.95	0.93	6.96	4.97	0.94	7.18	5.37	0.94	7.61	5.35	0.95	7.82	5.34	0.96			
		-5	5.43	4.42	1.03	6.05	4.45	1.05	6.26	4.83	1.05	6.67	4.85	1.06	6.88	5.24	1.07	7.29	5.22	1.08	7.50	5.21	1.08			
		0	5.34	4.37	1.14	5.95	4.40	1.15	6.15	4.78	1.16	6.56	4.80	1.17	6.76	5.18	1.18	7.17	5.16	1.19	7.37	5.16	1.19			
		5	5.29	4.35	1.17	5.90	4.38	1.18	6.10	4.76	1.19	6.50	4.78	1.20	6.70	5.16	1.21	7.10	5.14	1.22	7.30	5.13	1.23			
		10	5.34	4.37	1.18	5.95	4.40	1.20	6.15	4.78	1.21	6.56	4.80	1.22	6.76	5.18	1.22	7.17	5.16	1.24	7.37	5.16	1.24			
		15	5.83	4.60	1.57	6.50	4.63	1.59	6.72	5.03	1.60	7.16	5.05	1.61	7.38	5.46	1.62	7.83	5.44	1.64	8.05	5.43	1.65			
		20	6.70	4.99	1.99	7.46	5.02	2.02	7.72	5.46	2.03	8.22	5.48	2.06	8.48	5.91	2.06	8.99	5.89	2.06	9.24	5.88	2.06			
		25	6.44	4.88	1.99	7.17	4.91	2.02	7.42	5.33	2.03	7.91	5.35	2.06	8.15	5.78	2.06	8.64	5.76	2.06	8.89	5.75	2.06			
		30	5.83	4.60	1.99	6.49	4.63	2.02	6.72	5.03	2.03	7.16	5.05	2.06	7.38	5.45	2.06	7.82	5.43	2.06	8.04	5.43	2.06			
		35	5.37	4.39	1.99	5.98	4.42	2.02	6.19	4.80	2.03	6.60	4.82	2.06	6.80	5.20	2.06	7.21	5.18	2.06	7.41	5.17	2.06			
		40	4.80	4.11	1.95	5.35	4.14	1.98	5.53	4.50	1.99	5.90	4.52	2.01	6.08	4.87	2.02	6.44	4.86	2.06	6.63	4.85	2.06			
46	3.86	3.75	1.88	4.30	3.77	1.88	4.45	4.10	1.88	4.74	4.11	1.88	4.89	4.44	1.88	5.18	4.42	1.88	5.33	4.42	1.88					

● Indoor unit : 9000Btu + 9000Btu + 12000Btu

		Indoor temperature																							
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB				
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB				
9+9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	6.02	4.75	1.03	6.71	4.78	1.05	6.94	5.19	1.05	7.39	5.21	1.06	7.62	5.63	1.07	8.08	5.61	1.08	8.31	5.60	1.09		
		-5	5.77	4.63	1.17	6.43	4.66	1.19	6.65	5.07	1.19	7.09	5.09	1.21	7.31	5.49	1.21	7.74	5.47	1.22	7.96	5.46	1.23		
		0	5.67	4.59	1.29	6.32	4.61	1.31	6.53	5.01	1.32	6.96	5.03	1.33	7.18	5.43	1.34	7.61	5.41	1.35	7.82	5.40	1.36		
		5	5.62	4.56	1.32	6.26	4.59	1.35	6.47	4.99	1.35	6.90	5.01	1.37	7.11	5.41	1.37	7.54	5.39	1.39	7.75	5.38	1.39		
		10	5.67	4.59	1.34	6.32	4.61	1.36	6.53	5.01	1.37	6.96	5.03	1.38	7.18	5.43	1.39	7.61	5.41	1.40	7.82	5.40	1.41		
		15	6.09	4.78	1.71	6.78	4.81	1.74	7.01	5.22	1.75	7.47	5.25	1.77	7.70	5.66	1.78	8.17	5.64	1.79	8.40	5.63	1.80		
		20	6.94	5.16	1.99	7.73	5.19	2.02	8.00	5.64	2.03	8.52	5.66	2.06	8.79	6.11	2.06	9.31	6.09	2.06	9.58	6.08	2.06		
		25	6.44	4.94	1.99	7.17	4.97	2.02	7.42	5.40	2.03	7.91	5.42	2.06	8.15	5.85	2.06	8.64	5.83	2.06	8.89	5.82	2.06		
		30	5.83	4.66	1.99	6.49	4.69	2.02	6.72	5.10	2.03	7.16	5.12	2.06	7.38	5.52	2.06	7.82	5.50	2.06	8.04	5.49	2.06		
		35	5.37	4.44	1.99	5.98	4.47	2.02	6.19	4.86	2.03	6.60	4.88	2.06	6.80	5.27	2.06	7.21	5.25	2.06	7.41	5.24	2.06		
		40	4.80	4.16	1.95	5.35	4.19	1.98	5.53	4.55	1.99	5.90	4.57	2.01	6.08	4.94	2.02	6.44	4.92	2.06	6.63	4.91	2.06		
46	3.86	3.79	1.88	4.30	3.82	1.88	4.45	4.15	1.88	4.74	4.16	1.88	4.89	4.49	1.88	5.18	4.48	1.88	5.33	4.47	1.88				

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

Note: 2 or more indoor units should be connected.

■ MODEL: AO*G24L3

● Indoor unit : 7000Btu

		Indoor temperature																											
		18°CDB				21°CDB				23°CDB				25°CDB				27°CDB				29°CDB				32°CDB			
		12°CWB				15°CWB				16°CWB				18°CWB				19°CWB				21°CWB				23°CWB			
7	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP			
		-10	2.17	1.64	0.31	2.42	1.65	0.31	2.50	1.80	0.31	2.66	1.80	0.31	2.74	1.95	0.32	2.91	1.94	0.32	2.99	1.94	0.32	2.99	1.94	0.32			
		-5	2.08	1.60	0.35	2.31	1.61	0.35	2.39	1.75	0.35	2.55	1.76	0.36	2.63	1.90	0.36	2.79	1.89	0.36	2.87	1.89	0.36	2.87	1.89	0.36			
		0	2.04	1.59	0.38	2.27	1.60	0.39	2.35	1.74	0.39	2.51	1.74	0.39	2.58	1.88	0.40	2.74	1.87	0.40	2.82	1.87	0.40	2.82	1.87	0.40			
		5	2.02	1.58	0.39	2.25	1.59	0.40	2.33	1.73	0.40	2.48	1.73	0.40	2.56	1.87	0.41	2.72	1.86	0.41	2.79	1.86	0.41	2.79	1.86	0.41			
		10	2.04	1.59	0.40	2.27	1.60	0.40	2.35	1.74	0.41	2.51	1.74	0.41	2.58	1.88	0.41	2.74	1.87	0.42	2.82	1.87	0.42	2.82	1.87	0.42			
		15	1.99	1.56	0.41	2.21	1.57	0.42	2.29	1.71	0.42	2.44	1.72	0.43	2.52	1.85	0.43	2.67	1.85	0.43	2.74	1.84	0.43	2.74	1.84	0.43			
		20	2.12	1.62	0.45	2.36	1.63	0.46	2.44	1.77	0.46	2.60	1.78	0.46	2.68	1.92	0.46	2.84	1.91	0.47	2.92	1.91	0.47	2.92	1.91	0.47			
		25	2.05	1.59	0.45	2.29	1.60	0.46	2.36	1.74	0.46	2.52	1.75	0.47	2.60	1.89	0.47	2.75	1.88	0.48	2.83	1.88	0.48	2.83	1.88	0.48			
		30	1.95	1.54	0.50	2.17	1.55	0.51	2.24	1.69	0.51	2.39	1.69	0.51	2.46	1.83	0.52	2.61	1.82	0.52	2.68	1.82	0.52	2.68	1.82	0.52			
		35	2.13	1.63	0.72	2.38	1.64	0.74	2.46	1.78	0.74	2.62	1.79	0.75	2.70	1.93	0.75	2.86	1.92	0.76	2.94	1.92	0.76	2.94	1.92	0.76			
		40	2.07	1.60	0.80	2.31	1.61	0.82	2.39	1.75	0.82	2.54	1.76	0.83	2.62	1.90	0.83	2.78	1.89	0.84	2.86	1.89	0.84	2.86	1.89	0.84			
		46	1.91	1.54	0.91	2.13	1.55	0.93	2.20	1.69	0.93	2.35	1.70	0.94	2.42	1.83	0.95	2.56	1.82	0.95	2.64	1.82	0.96	2.64	1.82	0.96			

● Indoor unit : 9000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	2.19	1.73	0.30	2.44	1.74	0.30	2.52	1.89	0.30	2.69	1.90	0.31	2.77	2.05	0.31	2.94	2.05	0.31	3.02	2.04	0.31	3.02	2.04	0.31
		-5	2.10	1.69	0.34	2.34	1.70	0.34	2.42	1.85	0.34	2.58	1.86	0.35	2.66	2.00	0.35	2.82	2.00	0.35	2.90	1.99	0.35	2.90	1.99	0.35
		0	2.06	1.67	0.37	2.30	1.68	0.38	2.38	1.83	0.38	2.53	1.84	0.38	2.61	1.98	0.38	2.77	1.98	0.39	2.85	1.97	0.39	2.85	1.97	0.39
		5	2.05	1.66	0.38	2.28	1.67	0.39	2.36	1.82	0.39	2.51	1.83	0.39	2.59	1.97	0.39	2.75	1.97	0.40	2.82	1.96	0.40	2.82	1.96	0.40
		10	2.06	1.67	0.39	2.30	1.68	0.39	2.38	1.83	0.39	2.53	1.84	0.40	2.61	1.98	0.40	2.77	1.98	0.40	2.85	1.97	0.41	2.85	1.97	0.41
		15	2.10	1.69	0.44	2.34	1.70	0.45	2.42	1.85	0.45	2.58	1.86	0.45	2.66	2.00	0.46	2.82	2.00	0.46	2.90	1.99	0.46	2.90	1.99	0.46
		20	2.41	1.83	0.56	2.69	1.84	0.57	2.78	2.00	0.57	2.97	2.01	0.58	3.06	2.17	0.58	3.24	2.16	0.59	3.33	2.16	0.59	3.33	2.16	0.59
		25	2.34	1.80	0.57	2.61	1.81	0.58	2.69	1.97	0.58	2.87	1.97	0.59	2.96	2.13	0.59	3.14	2.12	0.60	3.23	2.12	0.60	3.23	2.12	0.60
		30	2.22	1.74	0.63	2.47	1.75	0.64	2.55	1.91	0.64	2.72	1.91	0.65	2.81	2.07	0.65	2.98	2.06	0.65	3.06	2.06	0.66	3.06	2.06	0.66
		35	2.61	1.92	1.05	2.90	1.93	1.07	3.00	2.09	1.07	3.20	2.10	1.08	3.30	2.27	1.09	3.50	2.26	1.10	3.60	2.26	1.11	3.60	2.26	1.11
		40	2.47	1.86	1.17	2.75	1.87	1.19	2.85	2.03	1.19	3.04	2.04	1.20	3.13	2.20	1.21	3.32	2.19	1.22	3.41	2.19	1.23	3.41	2.19	1.23
		46	2.29	1.80	1.33	2.56	1.81	1.35	2.64	1.97	1.35	2.82	1.98	1.37	2.90	2.13	1.37	3.08	2.13	1.39	3.17	2.12	1.39	3.17	2.12	1.39

● Indoor unit : 12000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	2.75	2.08	0.40	3.07	2.10	0.40	3.17	2.28	0.41	3.38	2.29	0.41	3.48	2.47	0.41	3.69	2.46	0.42	3.80	2.45	0.42	3.80	2.45	0.42
		-5	2.64	2.03	0.45	2.94	2.04	0.46	3.04	2.22	0.46	3.24	2.23	0.46	3.34	2.41	0.47	3.54	2.40	0.47	3.64	2.39	0.47	3.64	2.39	0.47
		0	2.59	2.01	0.50	2.89	2.02	0.51	2.98	2.20	0.51	3.18	2.21	0.51	3.28	2.38	0.52	3.48	2.37	0.52	3.58	2.37	0.52	3.58	2.37	0.52
		5	2.57	2.00	0.51	2.86	2.01	0.52	2.96	2.19	0.52	3.15	2.20	0.53	3.25	2.37	0.53	3.45	2.36	0.53	3.54	2.36	0.54	3.54	2.36	0.54
		10	2.59	2.01	0.52	2.89	2.02	0.53	2.98	2.20	0.53	3.18	2.21	0.53	3.28	2.38	0.54	3.48	2.37	0.54	3.58	2.37	0.54	3.58	2.37	0.54
		15	2.52	1.98	0.54	2.81	1.99	0.55	2.91	2.16	0.55	3.10	2.17	0.55	3.19	2.35	0.56	3.38	2.34	0.56	3.48	2.33	0.57	3.48	2.33	0.57
		20	3.11	2.23	0.79	3.46	2.25	0.81	3.58	2.44	0.81	3.81	2.45	0.82	3.93	2.65	0.82	4.17	2.64	0.83	4.28	2.63	0.83	4.28	2.63	0.83
		25	3.01	2.19	0.80	3.35	2.21	0.82	3.47	2.40	0.82	3.69	2.41	0.83	3.81	2.60	0.83	4.04	2.59	0.84	4.15	2.58	0.85	4.15	2.58	0.85
		30	2.85	2.13	0.88	3.18	2.14	0.90	3.28	2.32	0.90	3.50	2.33	0.91	3.61	2.52	0.91	3.83	2.51	0.92	3.93	2.51	0.93	3.93	2.51	0.93
		35	2.92	2.16	1.11	3.26	2.17	1.13	3.37	2.36	1.13	3.59	2.37	1.14	3.70	2.56	1.15	3.92	2.55	1.16	4.03	2.54	1.17	4.03	2.54	1.17
		40	2.77	2.09	1.23	3.09	2.10	1.25	3.19	2.29	1.26	3.40	2.30	1.27	3.51	2.48	1.28	3.72	2.47	1.29	3.82	2.46	1.30	3.82	2.46	1.30
		46	2.57	2.03	1.40	2.87	2.04	1.42	2.96	2.22	1.43	3.16	2.23	1.44	3.26	2.40	1.45	3.45	2.39	1.46	3.55	2.39	1.47	3.55	2.39	1.47

● Indoor unit : 14000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	3.88	2.88	0.58	4.33	2.89	0.59	4.47	3.15	0.60	4.77	3.16	0.60	4.92	3.41	0.60	5.21	3.40	0.61	5.36	3.39	0.61			
		-5	3.72	2.81	0.66	4.15	2.82	0.67	4.29	3.07	0.68	4.57	3.08	0.68	4.71	3.33	0.69	5.00	3.31	0.69	5.14	3.31	0.70			
		0	3.66	2.78	0.73	4.07	2.80	0.74	4.21	3.04	0.74	4.49	3.05	0.75	4.63	3.29	0.76	4.91	3.28	0.76	5.05	3.27	0.77			
		5	3.63	2.76	0.75	4.04	2.78	0.76	4.18	3.02	0.76	4.45	3.03	0.77	4.59	3.27	0.78	4.86	3.26	0.78	5.00	3.26	0.79			
		10	3.66	2.78	0.76	4.07	2.80	0.77	4.21	3.04	0.77	4.49	3.05	0.78	4.63	3.29	0.79	4.91	3.28	0.79	5.05	3.27	0.80			
		15	3.66	2.78	0.83	4.07	2.80	0.85	4.21	3.04	0.85	4.49	3.05	0.86	4.63	3.29	0.86	4.91	3.28	0.87	5.05	3.27	0.88			
		20	3.82	2.85	0.87	4.26	2.87	0.88	4.40	3.12	0.89	4.69	3.13	0.90	4.84	3.38	0.90	5.13	3.36	0.91	5.27	3.36	0.92			
		25	3.70	2.80	0.88	4.12	2.81	0.90	4.27	3.06	0.90	4.55	3.07	0.91	4.69	3.31	0.91	4.97	3.30	0.92	5.11	3.30	0.93			
		30	3.51	2.71	0.97	3.91	2.73	0.98	4.04	2.97	0.99	4.31	2.98	1.00	4.44	3.21	1.00	4.71	3.20	1.01	4.84	3.20	1.02			
		35	3.79	2.84	1.36	4.22	2.85	1.38	4.37	3.10	1.39	4.66	3.11	1.40	4.80	3.36	1.41	5.09	3.35	1.42	5.23	3.34	1.43			
		40	3.60	2.75	1.51	4.01	2.77	1.53	4.14	3.01	1.54	4.42	3.02	1.56	4.55	3.26	1.57	4.82	3.25	1.58	4.96	3.24	1.59			
46	3.26	2.64	1.64	3.63	2.65	1.67	3.75	2.88	1.68	4.00	2.89	1.69	4.12	3.12	1.70	4.37	3.11	1.72	4.49	3.11	1.73					

Note: 2 or more indoor units should be connected.

● Indoor unit : 18000Btu

		Indoor temperature																					
		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	4.17	3.04	0.68	4.64	3.06	0.69	4.80	3.32	0.69	5.12	3.33	0.70	5.28	3.60	0.70	5.59	3.59	0.71	5.75	3.58	0.71
		-5	4.00	2.96	0.77	4.45	2.98	0.78	4.60	3.24	0.79	4.91	3.25	0.79	5.06	3.51	0.80	5.36	3.50	0.81	5.51	3.49	0.81
		0	3.93	2.93	0.85	4.37	2.95	0.86	4.52	3.21	0.87	4.82	3.22	0.88	4.97	3.47	0.88	5.27	3.46	0.89	5.42	3.46	0.89
		5	3.89	2.92	0.87	4.33	2.94	0.89	4.48	3.19	0.89	4.78	3.20	0.90	4.93	3.46	0.90	5.22	3.44	0.91	5.37	3.44	0.92
		10	3.93	2.93	0.88	4.37	2.95	0.90	4.52	3.21	0.90	4.82	3.22	0.91	4.97	3.47	0.92	5.27	3.46	0.92	5.42	3.46	0.93
		15	4.06	2.99	1.04	4.52	3.01	1.06	4.68	3.27	1.06	4.99	3.28	1.08	5.14	3.54	1.08	5.45	3.53	1.09	5.60	3.52	1.10
		20	4.42	3.14	1.19	4.92	3.16	1.20	5.09	3.43	1.21	5.42	3.45	1.22	5.59	3.72	1.23	5.93	3.71	1.24	6.09	3.70	1.25
		25	4.28	3.08	1.20	4.77	3.10	1.22	4.93	3.37	1.23	5.25	3.38	1.24	5.42	3.65	1.24	5.74	3.64	1.26	5.90	3.63	1.26
		30	4.06	2.99	1.32	4.52	3.01	1.34	4.67	3.27	1.35	4.98	3.28	1.36	5.13	3.54	1.37	5.44	3.53	1.38	5.60	3.52	1.39
		35	4.42	3.14	1.89	4.93	3.16	1.92	5.10	3.44	1.93	5.43	3.45	1.95	5.60	3.72	1.96	5.94	3.71	1.98	6.10	3.70	1.99
		40	4.20	3.05	2.10	4.67	3.07	2.13	4.83	3.33	2.14	5.15	3.35	2.16	5.31	3.61	2.18	5.63	3.60	2.20	5.79	3.59	2.21
46	3.34	2.75	1.88	3.72	2.76	1.88	3.85	3.00	1.88	4.10	3.01	1.88	4.23	3.25	1.88	4.48	3.24	1.88	4.61	3.24	1.88		

● Indoor unit : 7000Btu + 7000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+7	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	3.69	2.84	0.48	4.11	2.86	0.48	4.25	3.11	0.49	4.53	3.12	0.49	4.67	3.37	0.49	4.95	3.36	0.50	5.09	3.35	0.50		
		-5	3.54	2.78	0.54	3.94	2.79	0.55	4.07	3.04	0.55	4.34	3.05	0.56	4.48	3.29	0.56	4.74	3.28	0.57	4.88	3.27	0.57		
		0	3.47	2.75	0.60	3.87	2.76	0.60	4.00	3.00	0.61	4.27	3.02	0.61	4.40	3.26	0.62	4.66	3.24	0.62	4.79	3.24	0.63		
		5	3.44	2.73	0.61	3.84	2.75	0.62	3.97	2.99	0.62	4.23	3.00	0.63	4.36	3.24	0.63	4.62	3.23	0.64	4.75	3.22	0.64		
		10	3.47	2.75	0.62	3.87	2.76	0.63	4.00	3.00	0.63	4.27	3.02	0.64	4.40	3.26	0.64	4.66	3.24	0.65	4.79	3.24	0.65		
		15	3.38	2.70	0.64	3.77	2.72	0.65	3.90	2.96	0.66	4.15	2.97	0.66	4.28	3.21	0.67	4.54	3.19	0.67	4.67	3.19	0.68		
		20	4.16	3.05	0.95	4.64	3.07	0.97	4.80	3.34	0.97	5.11	3.35	0.98	5.27	3.62	0.98	5.59	3.60	0.99	5.75	3.60	1.00		
		25	4.03	3.00	0.96	4.49	3.01	0.98	4.65	3.28	0.98	4.95	3.29	0.99	5.11	3.55	1.00	5.41	3.54	1.01	5.57	3.53	1.01		
		30	3.82	2.90	1.06	4.26	2.92	1.07	4.40	3.18	1.08	4.69	3.19	1.09	4.84	3.44	1.10	5.13	3.43	1.11	5.28	3.42	1.11		
		35	3.95	2.96	1.35	4.40	2.98	1.37	4.55	3.24	1.38	4.85	3.25	1.39	5.00	3.51	1.40	5.30	3.49	1.41	5.45	3.49	1.42		
		40	3.75	2.87	1.50	4.17	2.89	1.52	4.31	3.14	1.53	4.60	3.15	1.55	4.74	3.40	1.55	5.03	3.39	1.57	5.17	3.38	1.58		
46	3.48	2.78	1.70	3.87	2.80	1.73	4.00	3.04	1.74	4.27	3.06	1.76	4.40	3.30	1.76	4.66	3.29	1.78	4.80	3.28	1.79				

● Indoor unit : 7000Btu + 9000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	4.25	3.18	0.62	4.74	3.20	0.63	4.90	3.48	0.63	5.22	3.49	0.64	5.38	3.77	0.64	5.71	3.76	0.65	5.87	3.75	0.65		
		-5	4.08	3.10	0.70	4.54	3.12	0.71	4.69	3.39	0.72	5.00	3.41	0.72	5.16	3.68	0.73	5.47	3.67	0.74	5.62	3.66	0.74		
		0	4.00	3.07	0.78	4.46	3.09	0.79	4.61	3.36	0.79	4.92	3.37	0.80	5.07	3.64	0.80	5.37	3.63	0.81	5.53	3.62	0.82		
		5	3.97	3.06	0.80	4.42	3.08	0.81	4.57	3.34	0.81	4.87	3.36	0.82	5.02	3.62	0.82	5.33	3.61	0.83	5.48	3.60	0.84		
		10	4.00	3.07	0.81	4.46	3.09	0.82	4.61	3.36	0.82	4.92	3.37	0.83	5.07	3.64	0.84	5.37	3.63	0.84	5.53	3.62	0.85		
		15	3.90	3.03	0.84	4.34	3.04	0.85	4.49	3.31	0.85	4.79	3.32	0.86	4.93	3.59	0.87	5.23	3.57	0.88	5.38	3.57	0.88		
		20	4.45	3.26	1.05	4.95	3.29	1.07	5.12	3.57	1.07	5.46	3.58	1.08	5.63	3.87	1.09	5.97	3.86	1.10	6.13	3.85	1.11		
		25	4.31	3.21	1.06	4.80	3.23	1.08	4.96	3.51	1.09	5.29	3.52	1.10	5.45	3.80	1.10	5.78	3.79	1.11	5.94	3.78	1.12		
		30	4.08	3.11	1.17	4.55	3.13	1.19	4.70	3.40	1.19	5.01	3.41	1.21	5.17	3.68	1.21	5.48	3.67	1.22	5.63	3.66	1.23		
		35	4.50	3.29	1.72	5.02	3.31	1.74	5.19	3.60	1.75	5.53	3.61	1.77	5.70	3.90	1.78	6.04	3.88	1.80	6.21	3.88	1.81		
		40	4.28	3.19	1.91	4.77	3.21	1.94	4.93	3.49	1.95	5.26	3.51	1.97	5.42	3.78	1.98	5.74	3.77	2.00	5.91	3.76	2.01		
46	3.53	2.93	1.88	3.94	2.95	1.88	4.07	3.20	1.88	4.34	3.21	1.88	4.47	3.47	1.88	4.74	3.46	1.88	4.88	3.45	1.88				

● Indoor unit : 7000Btu + 12000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	4.43	3.33	0.65	4.93	3.35	0.66	5.10	3.64	0.66	5.43	3.66	0.67	5.60	3.95	0.67	5.94	3.93	0.68	6.11	3.93	0.68		
		-5	4.24	3.25	0.73	4.72	3.27	0.74	4.88	3.55	0.75	5.21	3.57	0.76	5.37	3.85	0.76	5.69	3.84	0.77	5.85	3.83	0.77		
		0	4.17	3.22	0.81	4.64	3.24	0.82	4.80	3.52	0.82	5.12	3.53	0.83	5.27	3.81	0.84	5.59	3.80	0.85	5.75	3.79	0.85		
		5	4.13	3.20	0.83	4.60	3.22	0.84	4.76	3.50	0.85	5.07	3.51	0.86	5.23	3.79	0.86	5.54	3.78	0.87	5.70	3.77	0.87		
		10	4.17	3.22	0.84	4.64	3.24	0.85	4.80	3.52	0.86	5.12	3.53	0.87	5.27	3.81	0.87	5.59	3.80	0.88	5.75	3.79	0.88		
		15	4.16	3.22	0.92	4.64	3.24	0.94	4.79	3.52	0.94	5.11	3.53	0.95	5.27	3.81	0.96	5.59	3.80	0.97	5.74	3.79	0.97		
		20	5.11	3.62	1.35	5.69	3.64	1.37	5.88	3.96	1.38	6.27	3.97	1.40	6.47	4.29	1.40	6.85	4.28	1.42	7.05	4.27	1.42		
		25	4.95	3.55	1.37	5.51	3.58	1.39	5.70	3.89	1.40	6.08	3.90	1.41	6.26	4.21	1.42	6.64	4.20	1.43	6.83	4.19	1.44		
		30	4.69	3.45	1.51	5.23	3.47	1.53	5.40	3.77	1.54	5.76	3.78	1.55	5.94	4.08	1.56	6.29	4.07	1.58	6.47	4.06	1.58		
		35	4.82	3.50	1.90	5.37	3.52	1.93	5.55	3.83	1.94	5.92	3.84	1.96	6.10	4.15	1.97	6.47	4.13	1.99	6.65	4.13	2.00		
		40	4.57	3.39	2.11	5.09	3.42	2.14	5.26	3.71	2.15	5.61	3.73	2.18	5.78	4.02	2.19	6.13	4.01	2.21	6.31	4.00	2.22		
46	3.56	3.03	1.88	3.97	3.05	1.88	4.10	3.31	1.88	4.37	3.32	1.88	4.51	3.59	1.88	4.78	3.58	1.88	4.92	3.57	1.88				

● Indoor unit : 7000Btu + 14000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
7-14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	5.12	3.89	0.78	5.71	3.92	0.79	5.90	4.25	0.79	6.29	4.27	0.80	6.49	4.61	0.80	6.88	4.59	0.81	7.07	4.59	0.82			
		-5	4.91	3.80	0.88	5.47	3.82	0.89	5.66	4.15	0.90	6.03	4.17	0.91	6.22	4.50	0.91	6.59	4.48	0.92	6.78	4.47	0.92			
		0	4.83	3.76	0.97	5.38	3.78	0.98	5.56	4.11	0.99	5.93	4.13	1.00	6.11	4.45	1.00	6.47	4.44	1.01	6.66	4.43	1.02			
		5	4.78	3.74	1.00	5.33	3.76	1.01	5.51	4.09	1.02	5.87	4.10	1.03	6.05	4.43	1.03	6.42	4.41	1.04	6.60	4.41	1.05			
		10	4.83	3.76	1.01	5.38	3.78	1.02	5.56	4.11	1.03	5.93	4.13	1.04	6.11	4.45	1.04	6.47	4.44	1.06	6.66	4.43	1.06			
		15	5.02	3.84	1.20	5.59	3.87	1.22	5.78	4.20	1.23	6.16	4.22	1.24	6.35	4.55	1.25	6.73	4.54	1.26	6.92	4.53	1.27			
		20	5.73	4.15	1.52	6.39	4.18	1.54	6.60	4.54	1.55	7.04	4.56	1.57	7.26	4.92	1.57	7.69	4.90	1.59	7.91	4.89	1.60			
		25	5.55	4.08	1.54	6.19	4.10	1.56	6.40	4.46	1.57	6.82	4.48	1.59	7.03	4.83	1.59	7.45	4.81	1.61	7.66	4.80	1.62			
		30	5.26	3.95	1.69	5.86	3.98	1.72	6.06	4.32	1.72	6.46	4.34	1.74	6.66	4.68	1.75	7.06	4.67	1.77	7.26	4.66	1.78			
		35	5.69	4.13	2.37	6.34	4.16	2.41	6.55	4.52	2.42	6.98	4.54	2.45	7.20	4.90	2.46	7.63	4.88	2.48	7.85	4.87	2.50			
		40	5.07	3.87	2.32	5.65	3.89	2.40	5.84	4.23	2.40	6.22	4.24	2.40	6.42	4.58	2.40	6.80	4.57	2.40	6.99	4.56	2.40			
		46	3.74	3.38	1.88	4.16	3.40	1.88	4.31	3.70	1.88	4.59	3.71	1.88	4.73	4.00	1.88	5.02	3.99	1.88	5.16	3.98	1.88			

● Indoor unit : 7000Btu + 18000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	5.95	4.28	1.05	6.62	4.30	1.06	6.85	4.68	1.07	7.30	4.69	1.08	7.53	5.07	1.08	7.98	5.05	1.10	8.20	5.04	1.10		
		-5	5.70	4.17	1.19	6.35	4.20	1.20	6.56	4.56	1.21	7.00	4.58	1.22	7.21	4.94	1.23	7.65	4.93	1.24	7.86	4.92	1.25		
		0	5.60	4.13	1.31	6.24	4.16	1.33	6.45	4.52	1.34	6.88	4.53	1.35	7.09	4.89	1.36	7.51	4.88	1.37	7.73	4.87	1.38		
		5	5.55	4.11	1.34	6.18	4.13	1.36	6.39	4.49	1.37	6.81	4.51	1.38	7.03	4.87	1.39	7.45	4.85	1.41	7.66	4.84	1.41		
		10	5.60	4.13	1.36	6.24	4.16	1.38	6.45	4.52	1.39	6.88	4.53	1.40	7.09	4.89	1.41	7.51	4.88	1.42	7.73	4.87	1.43		
		15	5.76	4.20	1.59	6.42	4.22	1.61	6.63	4.59	1.62	7.07	4.61	1.64	7.29	4.97	1.65	7.73	4.96	1.66	7.95	4.95	1.67		
		20	6.52	4.51	1.96	7.26	4.54	1.99	7.51	4.93	2.00	8.00	4.95	2.02	8.25	5.34	2.03	8.74	5.32	2.05	8.99	5.31	2.06		
		25	6.31	4.43	1.99	7.03	4.45	2.02	7.27	4.84	2.03	7.75	4.86	2.05	7.99	5.25	2.06	8.47	5.23	2.08	8.71	5.22	2.09		
		30	5.98	4.29	2.18	6.67	4.32	2.22	6.89	4.69	2.23	7.35	4.71	2.25	7.57	5.09	2.26	8.03	5.07	2.28	8.26	5.06	2.30		
		35	6.16	4.36	2.77	6.86	4.39	2.87	7.10	4.77	2.87	7.57	4.79	2.87	7.80	5.17	2.87	8.27	5.15	2.87	8.50	5.14	2.87		
		40	5.17	3.94	2.32	5.76	3.97	2.40	5.95	4.31	2.40	6.35	4.33	2.40	6.54	4.67	2.40	6.93	4.65	2.40	7.13	4.65	2.40		
46	3.80	3.46	1.88	4.23	3.48	1.88	4.38	3.79	1.88	4.67	3.80	1.88	4.81	4.10	1.88	5.10	4.09	1.88	5.24	4.08	1.88				

● Indoor unit : 9000Btu + 9000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	4.38	3.34	0.63	4.88	3.36	0.64	5.04	3.65	0.64	5.38	3.67	0.65	5.54	3.96	0.65	5.87	3.94	0.66	6.04	3.94	0.66			
		-5	4.20	3.26	0.71	4.67	3.28	0.72	4.83	3.56	0.72	5.15	3.58	0.73	5.31	3.86	0.74	5.63	3.85	0.74	5.79	3.84	0.75			
		0	4.12	3.23	0.78	4.59	3.25	0.79	4.75	3.53	0.80	5.06	3.54	0.81	5.22	3.82	0.81	5.53	3.81	0.82	5.69	3.80	0.82			
		5	4.09	3.21	0.80	4.55	3.23	0.82	4.71	3.51	0.82	5.02	3.52	0.83	5.17	3.80	0.83	5.48	3.79	0.84	5.64	3.78	0.85			
		10	4.12	3.23	0.81	4.59	3.25	0.83	4.75	3.53	0.83	5.06	3.54	0.84	5.22	3.82	0.84	5.53	3.81	0.85	5.69	3.80	0.86			
		15	4.23	3.27	0.95	4.71	3.30	0.96	4.87	3.58	0.97	5.19	3.59	0.97	5.36	3.88	0.98	5.68	3.87	0.99	5.84	3.86	0.99			
		20	4.89	3.56	1.22	5.45	3.58	1.24	5.63	3.89	1.25	6.00	3.91	1.26	6.19	4.22	1.27	6.56	4.20	1.28	6.75	4.20	1.28			
		25	4.74	3.50	1.24	5.28	3.52	1.26	5.46	3.82	1.26	5.82	3.84	1.28	6.00	4.14	1.28	6.36	4.13	1.29	6.54	4.12	1.30			
		30	4.49	3.39	1.36	5.00	3.41	1.38	5.17	3.71	1.39	5.51	3.72	1.40	5.68	4.02	1.41	6.02	4.00	1.42	6.20	3.99	1.43			
35	4.90	3.56	1.95	5.46	3.59	1.98	5.64	3.90	1.99	6.01	3.91	2.01	6.20	4.22	2.02	6.57	4.21	2.04	6.76	4.20	2.05					
40	4.64	3.46	2.16	5.17	3.48	2.20	5.35	3.78	2.21	5.70	3.79	2.23	5.88	4.10	2.24	6.23	4.08	2.26	6.41	4.07	2.28					
46	3.62	3.08	1.88	4.03	3.10	1.88	4.17	3.37	1.88	4.44	3.38	1.88	4.58	3.65	1.88	4.85	3.64	1.88	4.99	3.63	1.88					

● Indoor unit : 9000Btu + 12000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	4.56	3.49	0.68	5.07	3.52	0.69	5.25	3.82	0.69	5.59	3.84	0.70	5.77	4.14	0.70	6.11	4.13	0.71	6.29	4.12	0.71			
		-5	4.37	3.41	0.77	4.86	3.43	0.78	5.03	3.73	0.79	5.36	3.74	0.79	5.53	4.04	0.80	5.86	4.03	0.81	6.02	4.02	0.81			
		0	4.29	3.38	0.85	4.78	3.40	0.86	4.94	3.69	0.87	5.27	3.71	0.88	5.43	4.00	0.88	5.76	3.99	0.89	5.92	3.98	0.89			
		5	4.25	3.36	0.87	4.74	3.38	0.89	4.90	3.67	0.89	5.22	3.69	0.90	5.38	3.98	0.90	5.70	3.96	0.91	5.87	3.96	0.92			
		10	4.29	3.38	0.88	4.78	3.40	0.90	4.94	3.69	0.90	5.27	3.71	0.91	5.43	4.00	0.91	5.76	3.99	0.92	5.92	3.98	0.93			
		15	4.44	3.44	1.04	4.94	3.46	1.06	5.11	3.76	1.06	5.45	3.78	1.08	5.62	4.08	1.08	5.95	4.06	1.09	6.12	4.06	1.10			
		20	5.41	3.86	1.51	6.03	3.89	1.54	6.24	4.22	1.54	6.65	4.24	1.56	6.85	4.58	1.57	7.26	4.56	1.58	7.47	4.55	1.59			
		25	5.25	3.79	1.53	5.84	3.82	1.55	6.04	4.15	1.56	6.44	4.16	1.58	6.64	4.49	1.59	7.04	4.48	1.60	7.24	4.47	1.61			
		30	4.97	3.68	1.68	5.54	3.70	1.71	5.73	4.02	1.72	6.10	4.04	1.73	6.29	4.36	1.74	6.67	4.34	1.76	6.86	4.33	1.77			
		35	5.37	3.85	2.36	5.98	3.87	2.40	6.19	4.21	2.41	6.60	4.22	2.44	6.80	4.56	2.45	7.21	4.54	2.47	7.41	4.53	2.49			
		40	4.83	3.61	2.26	5.38	3.64	2.29	5.56	3.95	2.31	5.93	3.97	2.33	6.11	4.28	2.34	6.48	4.27	2.40	6.66	4.26	2.40			
46	3.60	3.18	1.88	4.02	3.20	1.88	4.15	3.47	1.88	4.43	3.49	1.88	4.56	3.72	1.88	4.84	3.75	1.88	4.97	3.74	1.88					

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 14000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
9+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	5.45	4.14	0.86	6.07	4.17	0.88	6.28	4.53	0.88	6.69	4.55	0.89	6.90	4.91	0.89	7.31	4.89	0.90	7.52	4.88	0.91			
		-5	5.22	4.04	0.98	5.82	4.07	0.99	6.02	4.42	1.00	6.41	4.44	1.01	6.61	4.79	1.01	7.01	4.77	1.02	7.21	4.76	1.03			
		0	5.13	4.00	1.08	5.72	4.03	1.10	5.91	4.38	1.10	6.30	4.39	1.11	6.50	4.74	1.12	6.88	4.72	1.13	7.08	4.72	1.13			
		5	5.09	3.98	1.11	5.67	4.01	1.12	5.86	4.35	1.13	6.24	4.37	1.14	6.44	4.72	1.15	6.82	4.70	1.16	7.02	4.69	1.16			
		10	5.13	4.00	1.12	5.72	4.03	1.14	5.91	4.38	1.14	6.30	4.39	1.16	6.50	4.74	1.16	6.88	4.72	1.17	7.08	4.72	1.18			
		15	5.42	4.13	1.38	6.04	4.16	1.41	6.24	4.52	1.41	6.65	4.53	1.43	6.86	4.89	1.43	7.27	4.88	1.45	7.48	4.87	1.46			
		20	6.08	4.42	1.68	6.78	4.44	1.71	7.01	4.83	1.72	7.47	4.85	1.73	7.70	5.23	1.74	8.16	5.21	1.76	8.39	5.20	1.77			
		25	5.89	4.34	1.70	6.56	4.36	1.73	6.79	4.74	1.74	7.23	4.76	1.76	7.46	5.14	1.76	7.91	5.12	1.78	8.13	5.11	1.79			
		30	5.59	4.20	1.87	6.22	4.23	1.90	6.43	4.60	1.91	6.86	4.61	1.93	7.07	4.98	1.94	7.49	4.96	1.96	7.71	4.95	1.97			
		35	6.08	4.42	2.67	6.78	4.44	2.71	7.01	4.83	2.73	7.47	4.85	2.76	7.70	5.23	2.77	8.16	5.21	2.80	8.39	5.21	2.87			
		40	5.15	4.01	2.32	5.73	4.03	2.40	5.93	4.38	2.40	6.32	4.40	2.40	6.51	4.75	2.40	6.90	4.73	2.40	7.10	4.72	2.40			
46	3.79	3.52	1.88	4.23	3.54	1.88	4.37	3.85	1.88	4.66	3.87	1.88	4.80	4.17	1.88	5.09	4.16	1.88	5.24	4.15	1.88					

● Indoor unit : 9000Btu + 18000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
9+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	6.02	4.40	1.05	6.71	4.43	1.06	6.94	4.82	1.07	7.39	4.83	1.08	7.62	5.22	1.08	8.08	5.20	1.10	8.31	5.19	1.10			
		-5	5.77	4.30	1.19	6.43	4.32	1.20	6.65	4.70	1.21	7.09	4.72	1.22	7.31	5.09	1.23	7.74	5.07	1.24	7.96	5.06	1.25			
		0	5.67	4.25	1.31	6.32	4.28	1.33	6.53	4.65	1.34	6.96	4.67	1.35	7.18	5.04	1.36	7.61	5.02	1.37	7.82	5.01	1.38			
		5	5.62	4.23	1.34	6.26	4.26	1.36	6.47	4.63	1.37	6.90	4.65	1.38	7.12	5.01	1.39	7.54	5.00	1.41	7.76	4.99	1.41			
		10	5.67	4.25	1.36	6.32	4.28	1.38	6.53	4.65	1.39	6.96	4.67	1.40	7.18	5.04	1.41	7.61	5.02	1.42	7.82	5.01	1.43			
		15	6.09	4.43	1.74	6.78	4.46	1.76	7.01	4.85	1.77	7.47	4.86	1.79	7.70	5.25	1.80	8.17	5.23	1.82	8.40	5.22	1.83			
		20	6.70	4.68	2.02	7.46	4.71	2.06	7.72	5.12	2.07	8.22	5.14	2.09	8.48	5.55	2.10	8.99	5.53	2.12	9.24	5.52	2.13			
		25	6.49	4.60	2.05	7.23	4.63	2.08	7.47	5.03	2.09	7.97	5.05	2.11	8.21	5.45	2.12	8.71	5.43	2.15	8.95	5.42	2.16			
		30	6.15	4.46	2.25	6.85	4.49	2.29	7.09	4.88	2.30	7.55	4.89	2.32	7.79	5.28	2.33	8.25	5.26	2.36	8.49	5.25	2.37			
		35	6.24	4.50	2.77	6.95	4.52	2.87	7.19	4.92	2.87	7.66	4.94	2.87	7.90	5.33	2.87	8.37	5.31	2.87	8.61	5.30	2.87			
		40	5.20	4.05	2.32	5.80	4.07	2.40	5.99	4.42	2.40	6.39	4.44	2.40	6.59	4.80	2.40	6.98	4.78	2.40	7.18	4.77	2.40			
46	3.85	3.57	1.88	4.29	3.59	1.88	4.43	3.90	1.88	4.73	3.91	1.88	4.87	4.23	1.88	5.17	4.21	1.88	5.31	4.20	1.88					

● Indoor unit : 12000Btu + 12000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
12+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	4.87	3.71	0.78	5.43	3.73	0.79	5.61	4.06	0.79	5.98	4.07	0.80	6.17	4.40	0.80	6.54	4.38	0.81	6.72	4.37	0.82			
		-5	4.67	3.62	0.88	5.20	3.64	0.89	5.38	3.96	0.90	5.73	3.97	0.91	5.91	4.29	0.91	6.26	4.27	0.92	6.44	4.27	0.92			
		0	4.59	3.58	0.97	5.11	3.61	0.99	5.28	3.92	0.99	5.63	3.93	1.00	5.81	4.25	1.01	6.16	4.23	1.02	6.33	4.22	1.02			
		5	4.55	3.56	1.00	5.07	3.59	1.01	5.24	3.90	1.02	5.58	3.91	1.03	5.76	4.22	1.03	6.10	4.21	1.04	6.27	4.20	1.05			
		10	4.59	3.58	1.01	5.11	3.61	1.02	5.28	3.92	1.03	5.63	3.93	1.04	5.81	4.25	1.05	6.16	4.23	1.06	6.33	4.22	1.06			
		15	4.77	3.67	1.21	5.31	3.69	1.22	5.50	4.01	1.23	5.86	4.02	1.24	6.04	4.34	1.25	6.40	4.33	1.26	6.58	4.32	1.27			
		20	5.92	4.15	1.81	6.59	4.18	1.84	6.82	4.54	1.85	7.27	4.56	1.87	7.49	4.92	1.88	7.94	4.90	1.89	8.17	4.90	1.90			
		25	5.73	4.08	1.83	6.39	4.10	1.86	6.61	4.46	1.87	7.04	4.48	1.89	7.26	4.83	1.90	7.69	4.82	1.92	7.91	4.81	1.93			
		30	5.44	3.95	2.01	6.06	3.98	2.05	6.26	4.32	2.06	6.67	4.34	2.08	6.88	4.68	2.09	7.29	4.67	2.11	7.50	4.66	2.12			
		35	5.69	4.06	2.64	6.34	4.08	2.69	6.55	4.44	2.70	6.98	4.46	2.73	7.20	4.81	2.74	7.63	4.79	2.77	7.85	4.78	2.78			
		40	4.89	3.72	2.32	5.45	3.74	2.40	5.64	4.07	2.40	6.01	4.08	2.40	6.19	4.41	2.40	6.57	4.39	2.40	6.75	4.38	2.40			
46	3.65	3.28	1.88	4.06	3.30	1.88	4.20	3.59	1.88	4.48	3.60	1.88	4.61	3.88	1.88	4.89	3.87	1.88	5.03	3.86	1.88					

● Indoor unit : 12000Btu + 14000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	5.95	4.42	1.05	6.62	4.45	1.06	6.85	4.83	1.07	7.30	4.85	1.08	7.53	5.24	1.08	7.98	5.22	1.10	8.20	5.21	1.10			
		-5	5.70	4.31	1.19	6.35	4.34	1.20	6.56	4.72	1.21	7.00	4.73	1.22	7.21	5.11	1.23	7.65	5.09	1.24	7.86	5.08	1.25			
		0	5.60	4.27	1.31	6.24	4.30	1.33	6.45	4.67	1.34	6.88	4.69	1.35	7.09	5.06	1.36	7.51	5.04	1.37	7.73	5.03	1.38			
		5	5.55	4.25	1.34	6.18	4.27	1.36	6.39	4.64	1.37	6.81	4.66	1.38	7.03	5.03	1.39	7.45	5.02	1.41	7.66	5.01	1.41			
		10	5.60	4.27	1.36	6.24	4.30	1.38	6.45	4.67	1.39	6.88	4.69	1.40	7.09	5.06	1.41	7.51	5.04	1.42	7.73	5.03	1.43			
		15	5.76	4.34	1.59	6.42	4.37	1.61	6.63	4.75	1.62	7.07	4.76	1.64	7.29	5.14	1.65	7.73	5.12	1.66	7.95	5.11	1.67			
		20	6.61	4.70	2.02	7.37	4.73	2.06	7.62	5.14	2.07	8.12	5.16	2.09	8.37	5.57	2.10	8.87	5.55	2.12	9.13	5.54	2.13			
		25	6.41	4.62	2.05	7.14	4.65	2.08	7.38	5.05	2.09	7.87	5.07	2.11	8.11	5.47	2.12	8.60	5.45	2.15	8.84	5.44	2.16			
		30	6.07	4.47	2.25	6.77	4.50	2.29	7.00	4.89	2.30	7.46	4.91	2.32	7.69	5.30	2.33	8.15	5.28	2.36	8.38	5.27	2.37			
		35	6.16	4.51	2.77	6.86	4.54	2.87	7.10	4.94	2.87	7.57	4.95	2.87	7.80	5.35	2.87	8.27	5.33	2.87	8.50	5.32	2.87			
		40	5.14	4.06	2.32	5.72	4.09	2.40	5.92	4.44	2.40	6.31	4.46	2.40	6.50	4.81	2.40	6.89	4.80	2.40	7.09	4.79	2.40			
46	3.80	3.58	1.88	4.23	3.60	1.88	4.38	3.91	1.88	4.67	3.93	1.88	4.81	4.24	1.88	5.10	4.23	1.88	5.24	4.22	1.88					

● Indoor unit : 12000Btu + 18000Btu

		Indoor temperature																							
		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB					
		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB					
12+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	6.36	4.60	1.18	7.09	4.63	1.19	7.33	5.03	1.20	7.81	5.05	1.21	8.05	5.45	1.22	8.54	5.43	1.23	8.78	5.42	1.24		
		-5	6.10	4.48	1.33	6.79	4.51	1.35	7.02	4.90	1.36	7.49	4.92	1.37	7.72	5.31	1.38	8.18	5.29	1.40	8.41	5.29	1.40		
		0	5.99	4.44	1.47	6.67	4.47	1.49	6.90	4.85	1.50	7.36	4.87	1.52	7.58	5.26	1.52	8.04	5.24	1.54	8.27	5.23	1.55		
		5	5.94	4.42	1.51	6.62	4.44	1.53	6.84	4.83	1.54	7.29	4.85	1.56	7.52	5.23	1.56	7.97	5.21	1.58	8.19	5.20	1.59		
		10	5.99	4.44	1.53	6.67	4.47	1.55	6.90	4.85	1.56	7.36	4.87	1.58	7.58	5.26	1.58	8.04	5.24	1.60	8.27	5.23	1.61		
		15	6.48	4.65	1.99	7.22	4.68	2.02	7.47	5.08	2.03	7.96	5.10	2.05	8.21	5.51	2.06	8.70	5.49	2.08	8.94	5.48	2.09		
		20	7.18	4.93	2.35	8.00	4.96	2.38	8.27	5.39	2.39	8.82	5.41	2.42	9.09	5.84	2.43	9.64	5.82	2.46	9.91	5.81	2.47		
		25	6.96	4.84	2.38	7.75	4.87	2.41	8.01	5.29	2.42	8.54	5.31	2.45	8.81	5.74	2.46	9.33	5.71	2.49	9.60	5.70	2.50		
		30	6.59	4.69	2.61	7.35	4.72	2.65	7.60	5.13	2.66	8.10	5.15	2.69	8.35	5.56	2.70	8.85	5.54	2.73	9.10	5.53	2.75		
		35	6.24	4.54	2.77	6.95	4.57	2.87	7.19	4.97	2.87	7.66	4.99	2.87	7.90	5.39	2.87	8.37	5.37	2.87	8.61	5.36	2.87		
		40	5.20	4.09	2.32	5.80	4.12	2.40	5.99	4.47	2.40	6.39	4.49	2.40	6.59	4.85	2.40	6.98	4.83	2.40	7.18	4.82	2.40		
46	3.85	3.60	1.88	4.29	3.63	1.88	4.43	3.94	1.88	4.73	3.96	1.88	4.87	4.27	1.88	5.17	4.26	1.88	5.31	4.25	1.88				

● Indoor unit : 7000Btu + 7000Btu + 7000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+7+7	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	5.20	4.09	0.73	5.79	4.12	0.74	5.99	4.48	0.74	6.38	4.50	0.75	6.58	4.85	0.75	6.98	4.84	0.76	7.17	4.83	0.76		
		-5	4.98	3.99	0.82	5.55	4.02	0.84	5.74	4.37	0.84	6.12	4.39	0.85	6.31	4.73	0.85	6.69	4.72	0.86	6.88	4.71	0.87		
		0	4.90	3.95	0.91	5.45	3.98	0.92	5.64	4.32	0.93	6.01	4.34	0.94	6.20	4.69	0.94	6.57	4.67	0.95	6.76	4.66	0.96		
		5	4.85	3.93	0.93	5.41	3.96	0.95	5.59	4.30	0.95	5.96	4.32	0.96	6.14	4.66	0.97	6.51	4.65	0.98	6.70	4.64	0.98		
		10	4.90	3.95	0.95	5.45	3.98	0.96	5.64	4.32	0.96	6.01	4.34	0.97	6.20	4.69	0.98	6.57	4.67	0.99	6.76	4.66	0.99		
		15	4.77	3.89	0.98	5.31	3.92	1.00	5.49	4.26	1.00	5.85	4.27	1.01	6.03	4.61	1.02	6.40	4.60	1.03	6.58	4.59	1.03		
		20	6.03	4.46	1.54	6.72	4.49	1.56	6.94	4.88	1.57	7.40	4.90	1.58	7.63	5.29	1.59	8.09	5.27	1.61	8.32	5.26	1.62		
		25	5.84	4.38	1.55	6.51	4.41	1.58	6.73	4.79	1.59	7.17	4.81	1.60	7.39	5.19	1.61	7.84	5.17	1.63	8.06	5.16	1.64		
		30	5.54	4.25	1.71	6.17	4.27	1.73	6.38	4.64	1.74	6.80	4.66	1.76	7.01	5.03	1.77	7.43	5.01	1.79	7.64	5.00	1.80		
		35	5.85	4.38	2.29	6.51	4.41	2.32	6.73	4.79	2.33	7.18	4.81	2.36	7.40	5.19	2.37	7.84	5.17	2.39	8.07	5.17	2.41		
		40	5.29	4.13	2.32	5.89	4.16	2.40	6.09	4.52	2.40	6.49	4.54	2.40	6.69	4.90	2.40	7.09	4.88	2.40	7.29	4.87	2.40		
46	3.94	3.63	1.88	4.39	3.65	1.88	4.54	3.97	1.88	4.84	3.98	1.88	4.99	4.30	1.88	5.29	4.28	1.88	5.44	4.27	1.88				

● Indoor unit : 7000Btu + 7000Btu + 9000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+7+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	5.47	4.32	0.79	6.09	4.35	0.81	6.30	4.72	0.81	6.72	4.74	0.82	6.92	5.12	0.82	7.34	5.10	0.83	7.55	5.09	0.84		
		-5	5.24	4.21	0.90	5.84	4.24	0.91	6.04	4.61	0.92	6.44	4.63	0.93	6.64	4.99	0.93	7.03	4.98	0.94	7.23	4.97	0.95		
		0	5.15	4.17	0.99	5.74	4.20	1.01	5.93	4.56	1.01	6.32	4.58	1.02	6.52	4.94	1.03	6.91	4.93	1.04	7.11	4.92	1.04		
		5	5.11	4.15	1.02	5.69	4.18	1.04	5.88	4.54	1.04	6.27	4.56	1.05	6.46	4.92	1.06	6.85	4.90	1.07	7.04	4.89	1.07		
		10	5.15	4.17	1.03	5.74	4.20	1.05	5.93	4.56	1.05	6.32	4.58	1.06	6.52	4.94	1.07	6.91	4.93	1.08	7.11	4.92	1.09		
		15	5.24	4.21	1.18	5.84	4.24	1.20	6.04	4.61	1.20	6.44	4.63	1.22	6.64	4.99	1.22	7.04	4.98	1.23	7.23	4.97	1.24		
		20	6.39	4.72	1.70	7.11	4.75	1.73	7.36	5.17	1.74	7.84	5.19	1.75	8.08	5.60	1.76	8.57	5.58	1.78	8.81	5.57	1.79		
		25	6.19	4.64	1.72	6.89	4.67	1.75	7.13	5.07	1.76	7.60	5.09	1.78	7.83	5.50	1.79	8.30	5.48	1.80	8.53	5.47	1.81		
		30	5.86	4.50	1.89	6.53	4.53	1.92	6.75	4.92	1.93	7.20	4.94	1.95	7.42	5.33	1.96	7.87	5.31	1.98	8.09	5.30	1.99		
		35	6.16	4.63	2.51	6.86	4.66	2.55	7.10	5.06	2.56	7.57	5.08	2.59	7.80	5.48	2.60	8.27	5.46	2.63	8.50	5.45	2.64		
		40	5.36	4.27	2.32	5.97	4.30	2.40	6.18	4.67	2.40	6.58	4.69	2.40	6.79	5.06	2.40	7.19	5.04	2.40	7.40	5.03	2.40		
46	3.98	3.75	1.88	4.44	3.78	1.88	4.59	4.11	1.88	4.89	4.12	1.88	5.04	4.45	1.88	5.35	4.43	1.88	5.50	4.42	1.88				

● Indoor unit : 7000Btu + 7000Btu + 12000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+7+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	5.82	4.53	0.92	6.48	4.56	0.94	6.70	4.95	0.94	7.14	4.97	0.95	7.36	5.36	0.95	7.80	5.35	0.96	8.02	5.34	0.97		
		-5	5.57	4.42	1.04	6.21	4.44	1.06	6.42	4.83	1.07	6.84	4.85	1.08	7.05	5.23	1.08	7.48	5.22	1.09	7.69	5.21	1.10		
		0	5.48	4.37	1.15	6.10	4.40	1.17	6.31	4.78	1.18	6.72	4.80	1.19	6.93	5.18	1.19	7.35	5.16	1.21	7.56	5.15	1.21		
		5	5.43	4.35	1.18	6.05	4.38	1.20	6.25	4.76	1.21	6.66	4.78	1.22	6.87	5.15	1.23	7.28	5.14	1.24	7.49	5.13	1.24		
		10	5.48	4.37	1.20	6.10	4.40	1.22	6.31	4.78	1.22	6.72	4.80	1.24	6.93	5.18	1.24	7.35	5.16	1.25	7.56	5.15	1.26		
		15	5.66	4.46	1.41	6.31	4.49	1.43	6.52	4.87	1.44	6.95	4.89	1.46	7.17	5.28	1.46	7.59	5.26	1.48	7.81	5.25	1.49		
		20	6.87	4.99	2.02	7.65	5.02	2.06	7.91	5.45	2.07	8.43	5.47	2.09	8.69	5.91	2.10	9.22	5.89	2.12	9.48	5.88	2.13		
		25	6.65	4.89	2.05	7.41	4.93	2.08	7.66	5.35	2.09	8.17	5.37	2.11	8.42	5.80	2.12	8.93	5.78	2.15	9.18	5.77	2.16		
		30	6.31	4.75	2.25	7.03	4.78	2.29	7.26	5.19	2.30	7.74	5.21	2.32	7.98	5.62	2.33	8.46	5.60	2.36	8.70	5.59	2.37		
		35	6.40	4.79	2.77	7.13	4.82	2.87	7.37	5.23	2.87	7.86	5.25	2.87	8.10	5.67	2.87	8.59	5.65	2.87	8.83	5.64	2.87		
		40	5.34	4.31	2.32	5.94	4.33	2.40	6.15	4.71	2.40	6.55	4.73	2.40	6.75	5.10	2.40	7.16	5.09	2.40	7.36	5.08	2.40		
46	3.98	3.75	1.88	4.44	3.78	1.88	4.59	4.11	1.88	4.89	4.12	1.88	5.04	4.45	1.88	5.35	4.43	1.88	5.50	4.42	1.88				

● Indoor unit : 7000Btu + 7000Btu + 14000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+7+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	6.77	5.20	1.18	7.54	5.23	1.19	7.79	5.69	1.20	8.31	5.71	1.21	8.56	6.16	1.22	9.08	6.14	1.23	9.34	6.13	1.24		
		-5	6.48	5.07	1.13	7.22	5.10	1.35	7.47	5.55	1.36	7.96	5.57	1.37	8.21	6.01	1.38	8.70	5.99	1.40	8.95	5.98	1.40		
		0	6.37	5.02	1.47	7.10	5.05	1.49	7.34	5.49	1.50	7.82	5.51	1.52	8.06	5.95	1.52	8.55	5.93	1.54	8.79	5.92	1.55		
		5	6.31	5.00	1.51	7.03	5.03	1.53	7.27	5.46	1.54	7.75	5.48	1.56	7.99	5.92	1.56	8.47	5.90	1.58	8.71	5.89	1.59		
		10	6.37	5.02	1.53	7.10	5.05	1.55	7.34	5.49	1.56	7.82	5.51	1.58	8.06	5.95	1.58	8.55	5.93	1.60	8.79	5.92	1.61		
		15	6.47	5.07	1.74	7.21	5.10	1.76	7.46	5.54	1.77	7.95	5.56	1.79	8.19	6.00	1.80	8.68	5.98	1.82	8.93	5.97	1.83		
		20	7.38	5.47	2.18	8.22	5.50	2.22	8.50	5.98	2.23	9.06	6.00	2.25	9.34	6.48	2.26	9.90	6.46	2.29	10.18	6.45	2.30		
		25	7.15	5.37	2.21	7.97	5.40	2.25	8.24	5.87	2.26	8.78	5.89	2.28	9.05	6.36	2.29	9.59	6.34	2.31	9.87	6.33	2.33		
		30	6.78	5.20	2.43	7.55	5.24	2.47	7.81	5.69	2.48	8.32	5.71	2.50	8.58	6.17	2.52	9.09	6.15	2.54	9.35	6.13	2.55		
		35	6.64	5.14	2.77	7.39	5.17	2.87	7.64	5.62	2.87	8.15	5.64	2.87	8.40	6.09	2.87	8.90	6.07	2.87	9.16	6.06	2.87		
		40	5.53	4.63	2.32	6.16	4.66	2.40	6.37	5.06	2.40	6.79	5.08	2.40	7.00	5.48	2.40	7.42	5.46	2.40	7.63	5.45	2.40		
46	4.09	4.08	1.88	4.56	4.10	1.88	4.71	4.46	1.88	5.03	4.48	1.88	5.18	4.83	1.88	5.49	4.81	1.88	5.65	4.81	1.88				

● Indoor unit : 7000Btu + 7000Btu + 18000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
7+7+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	7.14	5.38	1.29	7.96	5.41	1.31	8.23	5.88	1.31	8.77	5.91	1.33	9.04	6.38	1.33	9.59	6.35	1.35	9.86	6.34	1.35			
		-5	6.85	5.25	1.46	7.63	5.28	1.48	7.89	5.74	1.49	8.41	5.76	1.50	8.67	6.22	1.51	9.19	6.20	1.53	9.45	6.19	1.53			
		0	6.73	5.20	1.61	7.49	5.23	1.63	7.75	5.68	1.64	8.26	5.70	1.66	8.52	6.16	1.67	9.03	6.13	1.68	9.28	6.12	1.69			
		5	6.67	5.17	1.65	7.43	5.20	1.68	7.68	5.65	1.69	8.19	5.67	1.70	8.44	6.13	1.71	8.95	6.10	1.73	9.20	6.09	1.74			
		10	7.00	5.32	1.82	7.80	5.35	1.85	8.07	5.81	1.86	8.60	5.84	1.88	8.86	6.30	1.89	9.40	6.28	1.91	9.66	6.27	1.92			
		15	7.08	5.35	2.05	7.88	5.38	2.08	8.15	5.85	2.09	8.69	5.87	2.11	8.96	6.34	2.12	9.50	6.32	2.15	9.77	6.31	2.16			
		20	7.73	5.63	2.35	8.61	5.67	2.38	8.90	6.16	2.39	9.49	6.18	2.42	9.78	6.67	2.43	10.37	6.65	2.46	10.66	6.64	2.47			
		25	7.48	5.53	2.38	8.34	5.56	2.41	8.62	6.04	2.42	9.19	6.07	2.45	9.47	6.55	2.46	10.04	6.53	2.49	10.33	6.51	2.50			
		30	7.09	5.36	2.61	7.90	5.39	2.65	8.17	5.86	2.66	8.71	5.88	2.69	8.98	6.35	2.70	9.52	6.33	2.73	9.79	6.32	2.75			
		35	6.72	5.19	2.77	7.48	5.22	2.87	7.74	5.68	2.87	8.25	5.70	2.87	8.50	6.15	2.87	9.01	6.13	2.87	9.27	6.12	2.87			
		40	5.60	4.67	2.32	6.24	4.70	2.40	6.45	5.11	2.40	6.87	5.13	2.40	7.09	5.53	2.40	7.51	5.51	2.40	7.73	5.50	2.40			
46	4.14	4.12	1.88	4.61	4.14	1.88	4.77	4.50	1.88	5.09	4.52	1.88	5.24	4.88	1.88	5.56	4.86	1.88	5.71	4.85	1.88					

● Indoor unit : 7000Btu + 9000Btu + 9000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB		
7+9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	5.76	4.55	0.88	6.42	4.58	0.89	6.64	4.97	0.90	7.08	4.99	0.91	7.29	5.39	0.91	7.73	5.37	0.92	7.95	5.36	0.93		
		-5	5.52	4.44	1.00	6.15	4.47	1.01	6.36	4.85	1.02	6.78	4.87	1.03	6.99	5.26	1.03	7.41	5.24	1.04	7.62	5.23	1.05		
		0	5.43	4.39	1.10	6.04	4.42	1.12	6.25	4.80	1.12	6.66	4.82	1.14	6.87	5.21	1.14	7.28	5.19	1.15	7.49	5.18	1.16		
		5	5.38	4.37	1.13	5.99	4.40	1.15	6.20	4.78	1.15	6.60	4.80	1.17	6.81	5.18	1.17	7.22	5.16	1.18	7.42	5.15	1.19		
		10	5.43	4.39	1.14	6.04	4.42	1.16	6.25	4.80	1.17	6.66	4.82	1.18	6.87	5.21	1.19	7.28	5.19	1.20	7.49	5.18	1.20		
		15	5.73	4.53	1.41	6.38	4.56	1.43	6.60	4.96	1.44	7.04	4.98	1.46	7.25	5.37	1.46	7.69	5.35	1.48	7.91	5.34	1.49		
		20	6.85	5.03	1.96	7.63	5.06	1.99	7.89	5.50	2.00	8.41	5.52	2.02	8.67	5.96	2.03	9.19	5.94	2.05	9.45	5.93	2.06		
		25	6.64	4.94	1.99	7.39	4.97	2.02	7.64	5.40	2.03	8.15	5.42	2.05	8.40	5.85	2.06	8.90	5.83	2.08	9.16	5.82	2.09		
		30	6.29	4.78	2.18	7.01	4.82	2.22	7.25	5.23	2.23	7.72	5.25	2.25	7.96	5.67	2.26	8.44	5.65	2.28	8.68	5.64	2.30		
		35	6.48	4.87	2.77	7.22	4.90	2.87	7.46	5.32	2.87	7.95	5.34	2.87	8.20	5.77	2.87	8.69	5.75	2.87	8.94	5.74	2.87		
		40	5.40	4.38	2.32	6.02	4.41	2.40	6.22	4.79	2.40	6.63	4.81	2.40	6.84	5.19	2.40	7.25	5.17	2.40	7.45	5.16	2.40		
46	4.00	3.86	1.88	4.45	3.88	1.88	4.60	4.22	1.88	4.91	4.24	1.88	5.06	4.57	1.88	5.36	4.56	1.88	5.51	4.55	1.88				

● Indoor unit : 7000Btu + 9000Btu + 12000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
7+9-12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	6.25	4.82	1.05	6.96	4.85	1.06	7.20	5.27	1.07	7.68	5.29	1.08	7.91	5.71	1.08	8.39	5.69	1.10	8.63	5.68	1.10			
		-5	5.99	4.70	1.19	6.67	4.73	1.20	6.90	5.14	1.21	7.36	5.16	1.22	7.58	5.57	1.23	8.04	5.55	1.24	8.27	5.54	1.25			
		0	5.89	4.65	1.31	6.56	4.68	1.33	6.78	5.09	1.34	7.23	5.11	1.35	7.45	5.51	1.36	7.90	5.49	1.37	8.12	5.48	1.38			
		5	5.83	4.63	1.34	6.50	4.66	1.36	6.72	5.06	1.37	7.16	5.08	1.38	7.39	5.49	1.39	7.83	5.47	1.41	8.05	5.46	1.41			
		10	5.89	4.65	1.36	6.56	4.68	1.38	6.78	5.09	1.39	7.23	5.11	1.40	7.45	5.51	1.41	7.90	5.49	1.42	8.12	5.48	1.43			
		15	6.05	4.73	1.59	6.74	4.76	1.61	6.97	5.17	1.62	7.43	5.19	1.64	7.66	5.61	1.65	8.12	5.59	1.66	8.35	5.57	1.67			
		20	7.21	5.23	2.18	8.03	5.27	2.22	8.30	5.72	2.23	8.85	5.74	2.25	9.12	6.20	2.26	9.67	6.18	2.29	9.94	6.17	2.30			
		25	6.98	5.14	2.21	7.78	5.17	2.25	8.04	5.62	2.26	8.57	5.64	2.28	8.84	6.09	2.29	9.37	6.07	2.31	9.63	6.05	2.33			
		30	6.62	4.98	2.43	7.37	5.01	2.47	7.62	5.45	2.48	8.12	5.47	2.50	8.38	5.90	2.52	8.88	5.88	2.54	9.13	5.87	2.55			
		35	6.48	4.92	2.77	7.22	4.95	2.87	7.46	5.38	2.87	7.95	5.40	2.87	8.20	5.83	2.87	8.69	5.81	2.87	8.94	5.80	2.87			
		40	5.40	4.43	2.32	6.02	4.46	2.40	6.22	4.84	2.40	6.63	4.86	2.40	6.84	5.25	2.40	7.25	5.23	2.40	7.45	5.22	2.40			
46	4.00	3.90	1.88	4.45	3.93	1.88	4.60	4.27	1.88	4.61	4.28	1.88	5.06	4.62	1.88	5.36	4.61	1.88	5.51	4.60	1.88					

● Indoor unit : 7000Btu + 9000Btu + 14000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB		12°CWB	15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		23°CWB										
7+9+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	6.77	5.29	1.18	7.54	5.33	1.19	7.79	5.79	1.20	8.31	5.81	1.21	8.56	6.27	1.22	9.08	6.25	1.23	9.34	6.24	1.24		
		-5	6.48	5.17	1.33	7.22	5.20	1.35	7.47	5.65	1.36	7.96	5.67	1.37	8.21	6.12	1.38	8.70	6.10	1.40	8.95	6.09	1.40		
		0	6.37	5.11	1.47	7.10	5.15	1.49	7.34	5.59	1.50	7.82	5.61	1.52	8.06	6.06	1.52	8.55	6.04	1.54	8.79	6.03	1.55		
		5	6.31	5.09	1.51	7.03	5.12	1.53	7.27	5.56	1.54	7.75	5.58	1.56	7.99	6.03	1.56	8.47	6.01	1.58	8.71	6.00	1.59		
		10	6.37	5.11	1.53	7.10	5.15	1.55	7.34	5.59	1.56	7.82	5.61	1.58	8.06	6.06	1.58	8.55	6.04	1.60	8.79	6.03	1.61		
		15	6.89	5.35	1.99	7.68	5.39	2.02	7.94	5.85	2.03	8.46	5.88	2.05	8.72	6.34	2.06	9.25	6.32	2.08	9.51	6.31	2.09		
		20	7.64	5.68	2.35	8.51	5.72	2.38	8.80	6.21	2.39	9.37	6.23	2.42	9.66	6.73	2.43	10.24	6.71	2.46	10.53	6.69	2.47		
		25	7.40	5.58	2.38	8.24	5.61	2.41	8.52	6.10	2.42	9.08	6.12	2.45	9.36	6.61	2.46	9.92	6.58	2.49	10.21	6.57	2.50		
		30	7.01	5.40	2.61	7.81	5.44	2.65	8.08	5.91	2.66	8.61	5.93	2.69	8.88	6.41	2.70	9.41	6.38	2.73	9.67	6.37	2.75		
		35	6.64	5.24	2.77	7.39	5.27	2.87	7.64	5.73	2.87	8.15	5.75	2.87	8.40	6.20	2.87	8.90	6.18	2.87	9.16	6.17	2.87		
		40	5.53	4.71	2.32	6.16	4.74	2.40	6.37	5.15	2.40	6.79	5.17	2.40	7.00	5.58	2.40	7.42	5.56	2.40	7.63	5.55	2.40		
46	4.09	4.09	1.88	4.56	4.18	1.88	4.71	4.54	1.88	5.03	4.56	1.88	5.18	4.92	1.88	5.49	4.90	1.88	5.65	4.89	1.88				

● Indoor unit : 7000Btu + 9000Btu + 18000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB					
7+9+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	7.14	5.48	1.29	7.96	5.51	1.31	8.23	5.99	1.31	8.77	6.02	1.33	9.04	6.49	1.33	9.59	6.47	1.35	9.86	6.46	1.35			
		-5	6.85	5.35	1.46	7.63	5.38	1.48	7.89	5.85	1.49	8.41	5.87	1.50	8.67	6.34	1.51	9.19	6.31	1.53	9.45	6.30	1.53			
		0	6.73	5.29	1.61	7.61	5.33	1.63	7.75	5.79	1.64	8.26	5.81	1.66	8.52	6.22	1.67	9.03	6.25	1.68	9.28	6.24	1.69			
		5	6.67	5.26	1.65	7.43	5.30	1.68	7.68	5.76	1.69	8.19	5.78	1.70	8.44	6.24	1.71	8.95	6.22	1.73	9.20	6.21	1.74			
		10	7.16	5.49	1.91	7.98	5.52	1.94	8.25	6.00	1.95	8.80	6.03	1.97	9.07	6.50	1.98	9.61	6.48	2.00	9.89	6.47	2.01			
		15	7.08	5.45	2.05	7.88	5.48	2.08	8.15	5.96	2.09	8.69	5.98	2.11	8.96	6.46	2.12	9.50	6.44	2.15	9.77	6.42	2.16			
		20	7.73	5.73	2.35	8.61	5.77	2.38	8.90	6.27	2.39	9.49	6.30	2.42	9.78	6.80	2.43	10.37	6.77	2.46	10.66	6.76	2.47			
		25	7.48	5.63	2.38	8.34	5.67	2.41	8.62	6.16	2.42	9.19	6.18	2.45	9.47	6.67	2.46	10.04	6.65	2.49	10.33	6.64	2.50			
		30	7.09	5.46	2.61	7.90	5.49	2.65	8.17	5.97	2.66	8.71	5.99	2.69	8.98	6.47	2.70	9.52	6.44	2.73	9.79	6.43	2.75			
		35	6.72	5.29	2.77	7.48	5.32	2.87	7.74	5.78	2.87	8.25	5.80	2.87	8.50	6.26	2.87	9.01	6.24	2.87	9.27	6.23	2.87			
		40	5.60	4.76	2.32	6.24	4.79	2.40	6.45	5.20	2.40	6.87	5.22	2.40	7.09	5.64	2.40	7.51	5.62	2.40	7.73	5.61	2.40			
46	4.14	4.14	1.88	4.61	4.22	1.88	4.77	4.58	1.88	5.09	4.60	1.88	5.24	4.97	1.88	5.56	4.95	1.88	5.71	4.94	1.88					

● Indoor unit : 7000Btu + 12000Btu + 12000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
7+12+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	6.60	5.03	1.18	7.36	5.06	1.19	7.61	5.50	1.20	8.11	5.52	1.21	8.36	5.96	1.22	8.86	5.94	1.23	9.11	5.92	1.24			
		-5	6.33	4.90	1.33	7.05	4.94	1.35	7.29	5.36	1.36	7.77	5.38	1.37	8.01	5.81	1.38	8.49	5.79	1.40	8.73	5.78	1.40			
		0	6.22	4.85	1.47	6.93	4.89	1.49	7.16	5.31	1.50	7.64	5.33	1.52	7.87	5.75	1.52	8.35	5.73	1.54	8.58	5.72	1.55			
		5	6.16	4.83	1.51	6.87	4.86	1.53	7.10	5.28	1.54	7.57	5.30	1.56	7.80	5.72	1.56	8.27	5.70	1.58	8.51	5.69	1.59			
		10	6.22	4.85	1.53	6.93	4.89	1.55	7.16	5.31	1.56	7.64	5.33	1.58	7.87	5.75	1.58	8.35	5.73	1.60	8.58	5.72	1.61			
		15	6.32	4.90	1.74	7.04	4.93	1.76	7.28	5.36	1.77	7.76	5.38	1.79	8.00	5.81	1.80	8.48	5.78	1.82	8.72	5.77	1.83			
		20	7.45	5.39	2.35	8.30	5.43	2.38	8.59	5.90	2.39	9.15	5.92	2.42	9.43	6.39	2.43	10.00	6.37	2.46	10.28	6.35	2.47			
		25	7.22	5.29	2.38	8.04	5.33	2.41	8.32	5.79	2.42	8.87	5.81	2.45	9.14	6.27	2.46	9.69	6.25	2.49	9.96	6.24	2.50			
		30	6.84	5.13	2.61	7.62	5.16	2.65	7.88	5.61	2.66	8.40	5.63	2.69	8.66	6.08	2.70	9.18	6.06	2.73	9.44	6.05	2.75			
		35	6.48	4.97	2.77	7.22	5.00	2.87	7.46	5.44	2.87	7.95	5.46	2.87	8.20	5.89	2.87	8.69	5.87	2.87	8.94	5.86	2.87			
		40	5.40	4.47	2.32	6.02	4.50	2.40	6.22	4.89	2.40	6.63	4.91	2.40	6.84	5.30	2.40	7.25	5.28	2.40	7.45	5.27	2.40			
46	4.00	3.94	1.88	4.45	3.97	1.88	4.60	4.31	1.88	4.91	4.33	1.88	5.06	4.67	1.88	5.36	4.65	1.88	5.51	4.65	1.88					

● Indoor unit : 7000Btu + 12000Btu + 14000Btu

		Indoor temperature																							
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB		
		°CWB		12°CWB	15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		23°CWB										
7+12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	7.14	5.55	1.29	7.96	5.58	1.31	8.23	6.07	1.31	8.77	6.09	1.33	9.04	6.58	1.33	9.59	6.55	1.35	9.86	6.54	1.35		
		-5	6.85	5.41	1.46	7.63	5.45	1.48	7.89	5.92	1.49	8.41	5.94	1.50	8.67	6.42	1.51	9.19	6.39	1.53	9.45	6.38	1.53		
		0	6.73	5.36	1.61	7.49	5.39	1.63	7.75	5.86	1.64	8.26	5.88	1.66	8.52	6.35	1.67	9.03	6.33	1.68	9.28	6.32	1.69		
		5	6.67	5.33	1.65	7.43	5.36	1.68	7.68	5.83	1.69	8.19	5.85	1.70	8.44	6.32	1.71	8.95	6.29	1.73	9.20	6.28	1.74		
		10	7.00	5.48	1.82	7.80	5.52	1.85	8.07	6.00	1.86	8.60	6.02	1.88	8.86	6.50	1.89	9.40	6.48	1.91	9.66	6.46	1.92		
		15	7.08	5.52	2.05	7.88	5.55	2.08	8.15	6.04	2.09	8.69	6.06	2.11	8.96	6.54	2.12	9.50	6.52	2.15	9.77	6.51	2.16		
		20	7.73	5.81	2.35	8.61	5.84	2.38	8.90	6.35	2.39	9.49	6.37	2.42	9.78	6.88	2.43	10.37	6.86	2.46	10.66	6.84	2.47		
		25	7.48	5.70	2.38	8.34	5.74	2.41	8.62	6.23	2.42	9.19	6.26	2.45	9.47	6.76	2.46	10.04	6.73	2.49	10.33	6.72	2.50		
		30	7.09	5.53	2.61	7.90	5.56	2.65	8.17	6.04	2.66	8.71	6.07	2.69	8.98	6.55	2.70	9.52	6.53	2.73	9.79	6.51	2.75		
		35	6.72	5.35	2.77	7.48	5.39	2.87	7.74	5.85	2.87	8.25	5.88	2.87	8.50	6.34	2.87	9.01	6.32	2.87	9.27	6.31	2.87		
		40	5.60	4.82	2.32	6.24	4.85	2.40	6.45	5.27	2.40	6.87	5.29	2.40	7.09	5.71	2.40	7.51	5.69	2.40	7.73	5.68	2.40		
46	4.14	4.14	1.88	4.61	4.27	1.88	4.77	4.64	1.88	5.09	4.66	1.88	5.24	5.03	1.88	5.56	5.01	1.88	5.71	5.00	1.88				

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu + 9000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB					
9+9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	5.89	4.67	0.92	6.56	4.70	0.94	6.78	5.11	0.94	7.23	5.13	0.95	7.45	5.54	0.95	7.90	5.52	0.96	8.12	5.51	0.97	8.12	5.51	0.97
		-5	5.64	4.56	1.04	6.28	4.59	1.06	6.50	4.99	1.07	6.93	5.01	1.08	7.14	5.40	1.08	7.57	5.38	1.09	7.78	5.38	1.10	7.78	5.38	1.10
		0	5.54	4.51	1.15	6.18	4.54	1.17	6.39	4.94	1.18	6.81	4.96	1.19	7.02	5.35	1.19	7.44	5.33	1.21	7.65	5.32	1.21	7.65	5.32	1.21
		5	5.49	4.49	1.18	6.12	4.52	1.20	6.33	4.91	1.21	6.75	4.93	1.22	6.96	5.32	1.23	7.37	5.30	1.24	7.58	5.29	1.24	7.58	5.29	1.24
		10	5.54	4.51	1.20	6.18	4.54	1.22	6.39	4.94	1.22	6.81	4.96	1.24	7.02	5.35	1.24	7.44	5.33	1.25	7.65	5.32	1.26	7.65	5.32	1.26
		15	6.05	4.75	1.59	6.74	4.78	1.61	6.97	5.20	1.62	7.43	5.22	1.64	7.66	5.63	1.65	8.12	5.61	1.66	8.35	5.60	1.67	8.35	5.60	1.67
		20	6.95	5.15	2.02	7.74	5.18	2.06	8.01	5.63	2.07	8.54	5.65	2.09	8.80	6.10	2.10	9.33	6.08	2.12	9.59	6.07	2.13	9.59	6.07	2.13
		25	6.74	5.05	2.05	7.50	5.09	2.08	7.76	5.53	2.09	8.27	5.55	2.11	8.53	5.99	2.12	9.04	5.97	2.15	9.29	5.96	2.16	9.29	5.96	2.16
		30	6.38	4.90	2.25	7.11	4.93	2.29	7.35	5.36	2.30	7.84	5.38	2.32	8.08	5.81	2.33	8.57	5.79	2.36	8.81	5.78	2.37	8.81	5.78	2.37
		35	6.48	4.94	2.77	7.22	4.97	2.87	7.46	5.40	2.87	7.95	5.42	2.87	8.20	5.86	2.87	8.69	5.83	2.87	8.94	5.82	2.87	8.94	5.82	2.87
		40	5.40	4.45	2.32	6.02	4.48	2.40	6.22	4.86	2.40	6.63	4.88	2.40	6.84	5.27	2.40	7.25	5.25	2.40	7.45	5.24	2.40	7.45	5.24	2.40
		46	4.00	3.92	1.88	4.45	3.94	1.88	4.60	4.28	1.88	4.91	4.30	1.88	5.06	4.64	1.88	5.36	4.63	1.88	5.51	4.62	1.88	5.51	4.62	1.88

● Indoor unit : 9000Btu + 9000Btu + 12000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
9+9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	6.33	4.95	1.05	7.05	4.98	1.06	7.29	5.41	1.07	7.77	5.44	1.08	8.01	5.87	1.08	8.49	5.85	1.10	8.73	5.84	1.10	8.73	5.84	1.10
		-5	6.06	4.83	1.19	6.75	4.86	1.20	6.98	5.28	1.21	7.45	5.30	1.22	7.68	5.72	1.23	8.14	5.70	1.24	8.37	5.69	1.25	8.37	5.69	1.25
		0	5.96	4.78	1.31	6.64	4.81	1.33	6.86	5.23	1.34	7.32	5.25	1.35	7.54	5.67	1.36	7.99	5.65	1.37	8.22	5.64	1.38	8.22	5.64	1.38
		5	5.91	4.76	1.34	6.58	4.79	1.36	6.80	5.20	1.37	7.25	5.22	1.38	7.48	5.64	1.39	7.92	5.62	1.41	8.15	5.61	1.41	8.15	5.61	1.41
		10	5.96	4.78	1.36	6.64	4.81	1.38	6.86	5.23	1.39	7.32	5.25	1.40	7.54	5.67	1.41	7.99	5.65	1.42	8.22	5.64	1.43	8.22	5.64	1.43
		15	6.39	4.98	1.74	7.12	5.01	1.76	7.37	5.45	1.77	7.85	5.47	1.79	8.09	5.90	1.80	8.58	5.88	1.82	8.82	5.87	1.83	8.82	5.87	1.83
		20	7.54	5.48	2.35	8.40	5.52	2.38	8.69	6.00	2.39	9.26	6.02	2.42	9.55	6.50	2.43	10.12	6.47	2.46	10.41	6.46	2.47	10.41	6.46	2.47
		25	7.31	5.38	2.38	8.14	5.42	2.41	8.42	5.89	2.42	8.97	5.91	2.45	9.25	6.38	2.46	9.81	6.36	2.49	10.08	6.34	2.50	10.08	6.34	2.50
		30	6.93	5.22	2.61	7.72	5.25	2.65	7.98	5.71	2.66	8.51	5.73	2.69	8.77	6.18	2.70	9.30	6.16	2.73	9.56	6.15	2.75	9.56	6.15	2.75
		35	6.56	5.05	2.77	7.30	5.09	2.87	7.55	5.53	2.87	8.05	5.55	2.87	8.30	5.99	2.87	8.80	5.97	2.87	9.05	5.96	2.87	9.05	5.96	2.87
		40	5.47	4.55	2.32	6.09	4.58	2.40	6.30	4.97	2.40	6.71	4.99	2.40	6.92	5.39	2.40	7.34	5.37	2.40	7.54	5.36	2.40	7.54	5.36	2.40
46	4.04	4.01	1.88	4.51	4.03	1.88	4.66	4.38	1.88	4.97	4.40	1.88	5.12	4.75	1.88	5.43	4.73	1.88	5.58	4.72	1.88	5.58	4.72	1.88		

● Indoor unit : 9000Btu + 9000Btu + 14000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
9+9+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	7.14	5.58	1.29	7.96	5.61	1.31	8.23	6.10	1.31	8.77	6.12	1.33	9.04	6.61	1.33	9.59	6.58	1.35	9.86	6.57	1.35	9.86	6.57	1.35
		-5	6.85	5.44	1.46	7.63	5.47	1.48	7.89	5.95	1.49	8.41	5.97	1.50	8.67	6.45	1.51	9.19	6.42	1.53	9.45	6.41	1.53	9.45	6.41	1.53
		0	6.73	5.38	1.61	7.49	5.42	1.63	7.75	5.89	1.64	8.26	5.91	1.66	8.52	6.38	1.67	9.03	6.36	1.68	9.28	6.35	1.69	9.28	6.35	1.69
		5	6.67	5.36	1.65	7.43	5.39	1.68	7.68	5.86	1.69	8.19	5.88	1.70	8.44	6.35	1.71	8.95	6.33	1.73	9.20	6.31	1.74	9.20	6.31	1.74
		10	6.73	5.38	1.67	7.49	5.42	1.70	7.75	5.89	1.71	8.26	5.91	1.73	8.52	6.38	1.73	9.03	6.36	1.75	9.28	6.35	1.76	9.28	6.35	1.76
		15	7.08	5.55	2.05	7.88	5.58	2.08	8.15	6.06	2.09	8.69	6.09	2.11	8.96	6.57	2.12	9.50	6.55	2.15	9.77	6.54	2.16	9.77	6.54	2.16
		20	7.73	5.83	2.35	8.61	5.87	2.38	8.90	6.38	2.39	9.49	6.41	2.42	9.78	6.91	2.43	10.37	6.89	2.46	10.66	6.88	2.47	10.66	6.88	2.47
		25	7.48	5.73	2.38	8.34	5.76	2.41	8.62	6.26	2.42	9.19	6.29	2.45	9.47	6.79	2.46	10.04	6.76	2.49	10.33	6.75	2.50	10.33	6.75	2.50
		30	7.09	5.55	2.61	7.90	5.59	2.65	8.17	6.07	2.66	8.71	6.10	2.69	8.98	6.58	2.70	9.52	6.56	2.73	9.79	6.55	2.75	9.79	6.55	2.75
		35	6.72	5.38	2.77	7.48	5.41	2.87	7.74	5.88	2.87	8.25	5.90	2.87	8.50	6.37	2.87	9.01	6.35	2.87	9.27	6.34	2.87	9.27	6.34	2.87
		40	5.60	4.84	2.32	6.24	4.87	2.40	6.45	5.29	2.40	6.87	5.31	2.40	7.09	5.74	2.40	7.51	5.72	2.40	7.73	5.71	2.40	7.73	5.71	2.40
		46	4.14	4.14	1.88	4.61	4.29	1.88	4.77	4.66	1.88	5.09	4.68	1.88	5.24	5.05	1.88	5.56	5.04	1.88	5.71	5.03	1.88	5.71	5.03	1.88

● Indoor unit* : 9000Btu + 9000Btu + 18000Btu

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● Indoor unit : 9000Btu + 12000Btu + 12000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
9+12+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	6.69	5.18	1.18	7.45	5.21	1.19	7.70	5.66	1.20	8.21	5.68	1.21	8.46	6.14	1.22	8.97	6.11	1.23	9.22	6.10	1.24			
		-5	6.41	5.05	1.33	7.14	5.08	1.35	7.38	5.52	1.36	7.87	5.55	1.37	8.11	5.99	1.38	8.60	5.97	1.40	8.84	5.95	1.40			
		0	6.30	5.00	1.47	7.01	5.03	1.49	7.25	5.47	1.50	7.73	5.49	1.52	7.97	5.93	1.52	8.45	5.90	1.54	8.69	5.89	1.55			
		5	6.24	4.97	1.51	6.95	5.01	1.53	7.19	5.44	1.54	7.66	5.46	1.56	7.90	5.90	1.56	8.37	5.87	1.58	8.61	5.86	1.59			
		10	6.30	5.00	1.53	7.01	5.03	1.55	7.25	5.47	1.56	7.73	5.49	1.58	7.97	5.93	1.58	8.45	5.90	1.60	8.69	5.89	1.61			
		15	6.81	5.23	1.99	7.59	5.27	2.02	7.84	5.72	2.03	8.36	5.75	2.05	8.62	6.20	2.06	9.14	6.18	2.08	9.40	6.17	2.09			
		20	7.54	5.55	2.35	8.40	5.59	2.38	8.69	6.07	2.39	9.26	6.10	2.42	9.55	6.58	2.43	10.12	6.56	2.46	10.41	6.55	2.47			
		25	7.31	5.45	2.38	8.14	5.49	2.41	8.42	5.96	2.42	8.97	5.99	2.45	9.25	6.46	2.46	9.81	6.44	2.49	10.08	6.43	2.50			
		30	6.93	5.29	2.61	7.72	5.32	2.65	7.98	5.78	2.66	8.51	5.80	2.69	8.77	6.26	2.70	9.30	6.24	2.73	9.56	6.23	2.75			
		35	6.56	5.12	2.77	7.30	5.15	2.87	7.55	5.60	2.87	8.05	5.62	2.87	8.30	6.07	2.87	8.80	6.05	2.87	9.05	6.03	2.87			
		40	5.47	4.61	2.32	6.09	4.64	2.40	6.30	5.04	2.40	6.71	5.06	2.40	6.92	5.46	2.40	7.34	5.44	2.40	7.54	5.43	2.40			
46	4.04	4.04	1.88	4.51	4.09	1.88	4.66	4.44	1.88	4.97	4.46	1.88	5.12	4.81	1.88	5.43	4.79	1.88	5.58	4.79	1.88					

● Indoor unit : 9000Btu + 12000Btu + 14000Btu

		Indoor temperature																							
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB				
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB				
9+12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		-10	7.14	5.63	1.29	7.96	5.67	1.31	8.23	6.16	1.31	8.77	6.18	1.33	9.04	6.68	1.33	9.59	6.65	1.35	9.86	6.64	1.35		
		-5	6.85	5.50	1.46	7.63	5.53	1.48	7.89	6.01	1.49	8.41	6.03	1.50	8.67	6.51	1.51	9.19	6.49	1.53	9.45	6.48	1.53		
		0	6.73	5.44	1.61	7.49	5.48	1.63	7.75	5.95	1.64	8.26	5.97	1.66	8.52	6.45	1.67	9.03	6.42	1.68	9.28	6.41	1.69		
		5	6.67	5.41	1.65	7.43	5.45	1.68	7.68	5.92	1.69	8.19	5.94	1.70	8.44	6.41	1.71	8.95	6.39	1.73	9.20	6.38	1.74		
		10	7.16	5.64	1.91	7.98	5.68	1.94	8.25	6.17	1.95	8.80	6.19	1.97	9.07	6.69	1.98	9.61	6.66	2.00	9.89	6.65	2.01		
		15	7.08	5.60	2.05	7.88	5.64	2.08	8.15	6.13	2.09	8.69	6.15	2.11	8.96	6.64	2.12	9.50	6.62	2.15	9.77	6.60	2.16		
		20	7.73	5.89	2.35	8.61	5.93	2.38	8.90	6.45	2.39	9.49	6.47	2.42	9.78	6.99	2.43	10.37	6.96	2.46	10.66	6.95	2.47		
		25	7.48	5.79	2.38	8.34	5.82	2.41	8.62	6.33	2.42	9.19	6.35	2.45	9.47	6.86	2.46	10.04	6.83	2.49	10.33	6.82	2.50		
		30	7.09	5.61	2.61	7.90	5.65	2.65	8.17	6.14	2.66	8.71	6.16	2.69	8.98	6.65	2.70	9.52	6.63	2.73	9.79	6.61	2.75		
		35	6.72	5.43	2.77	7.48	5.47	2.87	7.74	5.94	2.87	8.25	5.97	2.87	8.50	6.44	2.87	9.01	6.42	2.87	9.27	6.41	2.87		
		40	5.60	4.89	2.32	6.24	4.92	2.40	6.45	5.35	2.40	6.87	5.37	2.40	7.09	5.80	2.40	7.51	5.78	2.40	7.73	5.76	2.40		
46	4.14	4.14	1.88	4.61	4.34	1.88	4.77	4.71	1.88	5.09	4.73	1.88	5.24	5.11	1.88	5.56	5.09	1.88	5.71	5.08	1.88				

● Indoor unit : 12000Btu + 12000Btu + 12000Btu

		Indoor temperature																								
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			23°CWB			
12+12+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		-10	6.98	5.36	1.29	7.77	5.40	1.31	8.04	5.87	1.31	8.57	5.89	1.33	8.83	6.36	1.33	9.36	6.33	1.35	9.63	6.32	1.35			
		-5	6.69	5.23	1.46	7.45	5.27	1.48	7.70	5.72	1.49	8.21	5.75	1.50	8.46	6.20	1.51	8.97	6.18	1.53	9.22	6.17	1.53			
		0	6.57	5.18	1.61	7.32	5.21	1.63	7.57	5.67	1.64	8.07	5.69	1.66	8.32	6.14	1.67	8.81	6.12	1.68	9.06	6.11	1.69			
		5	6.51	5.15	1.65	7.25	5.19	1.68	7.50	5.64	1.69	7.99	5.66	1.70	8.24	6.11	1.71	8.74	6.09	1.73	8.98	6.07	1.74			
		10	6.84	5.30	1.82	7.62	5.34	1.85	7.88	5.80	1.86	8.40	5.82	1.88	8.66	6.28	1.89	9.17	6.26	1.91	9.43	6.25	1.92			
		15	6.91	5.34	2.05	7.70	5.37	2.08	7.96	5.83	2.09	8.49	5.86	2.11	8.75	6.32	2.12	9.27	6.30	2.15	9.54	6.29	2.16			
		20	7.54	5.61	2.35	8.40	5.65	2.38	8.69	6.14	2.39	9.26	6.16	2.42	9.55	6.65	2.43	10.12	6.63	2.46	10.41	6.62	2.47			
		25	7.31	5.51	2.38	8.14	5.55	2.41	8.42	6.03	2.42	8.97	6.05	2.45	9.25	6.53	2.46	9.81	6.51	2.49	10.08	6.50	2.50			
		30	6.93	5.34	2.61	7.72	5.38	2.65	7.98	5.84	2.66	8.51	5.87	2.69	8.77	6.33	2.70	9.30	6.31	2.73	9.56	6.30	2.75			
		35	6.56	5.17	2.77	7.30	5.21	2.87	7.55	5.66	2.87	8.05	5.68	2.87	8.30	6.13	2.87	8.80	6.11	2.87	9.05	6.10	2.87			
		40	5.47	4.66	2.32	6.09	4.69	2.40	6.30	5.09	2.40	6.71	5.11	2.40	6.92	5.52	2.40	7.34	5.50	2.40	7.54	5.49	2.40			
46	4.04	4.04	1.88	4.51	4.13	1.88	4.66	4.49	1.88	4.97	4.51	1.88	5.12	4.86	1.88	5.43	4.85	1.88	5.58	4.84	1.88					

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

5-3. HEATING CAPACITY

This table is created using the maximum capacity.

Note: 2 or more indoor units should be connected.

■ MODEL : AO*G18L3

● Indoor unit : 7000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	2.32	1.06	2.27	1.09	2.21	1.11	2.16	1.13	2.10	1.15
		-10	-11	2.65	1.14	2.59	1.16	2.52	1.19	2.46	1.21	2.40	1.23
		-5	-7	2.77	1.09	2.70	1.11	2.64	1.13	2.57	1.16	2.50	1.18
		0	-2	2.89	1.03	2.82	1.05	2.75	1.08	2.68	1.10	2.61	1.12
		5	3	3.26	0.96	3.18	0.98	3.10	1.00	3.02	1.02	2.95	1.04
		7	6	3.47	0.96	3.38	0.98	3.30	1.00	3.22	1.02	3.14	1.04
		10	8	3.50	1.01	3.42	1.03	3.33	1.05	3.25	1.07	3.17	1.09
		15	10	3.53	0.97	3.45	0.99	3.37	1.01	3.28	1.03	3.20	1.05
		20	15	3.47	0.76	3.38	0.78	3.30	0.79	3.22	0.81	3.14	0.83

● Indoor unit : 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	2.88	1.29	2.81	1.32	2.74	1.34	2.68	1.37	2.61	1.40
		-10	-11	3.28	1.39	3.20	1.42	3.12	1.44	3.04	1.47	2.97	1.50
		-5	-7	3.46	1.34	3.38	1.37	3.29	1.40	3.21	1.43	3.13	1.46
		0	-2	3.66	1.30	3.57	1.33	3.49	1.35	3.40	1.38	3.31	1.41
		5	3	4.15	1.25	4.05	1.27	3.95	1.30	3.85	1.33	3.75	1.35
		7	6	4.41	1.25	4.31	1.27	4.20	1.30	4.10	1.33	3.99	1.35
		10	8	4.45	1.27	4.35	1.30	4.24	1.33	4.14	1.35	4.03	1.38
		15	10	4.50	1.27	4.39	1.30	4.28	1.32	4.18	1.35	4.07	1.38
		20	15	4.41	0.96	4.31	0.98	4.20	1.00	4.10	1.02	3.99	1.04

● Indoor unit : 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.29	1.67	3.21	1.70	3.14	1.74	3.06	1.77	2.98	1.80
		-10	-11	3.75	1.78	3.66	1.82	3.57	1.86	3.48	1.89	3.39	1.93
		-5	-7	3.95	1.75	3.86	1.78	3.76	1.82	3.67	1.86	3.57	1.89
		0	-2	4.18	1.66	4.08	1.70	3.98	1.73	3.88	1.77	3.78	1.80
		5	3	4.74	1.56	4.62	1.59	4.51	1.62	4.40	1.65	4.29	1.68
		7	6	5.04	1.56	4.92	1.59	4.80	1.62	4.68	1.65	4.56	1.68
		10	8	5.09	1.59	4.97	1.62	4.85	1.65	4.73	1.69	4.61	1.72
		15	10	5.14	1.59	5.02	1.63	4.90	1.66	4.77	1.69	4.65	1.73
		20	15	5.04	1.35	4.92	1.38	4.80	1.41	4.68	1.43	4.56	1.46

● Indoor unit : 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.95	1.71	3.85	1.75	3.76	1.78	3.67	1.82	3.57	1.86
		-10	-11	4.50	1.83	4.39	1.87	4.29	1.91	4.18	1.95	4.07	1.98
		-5	-7	4.78	1.80	4.67	1.84	4.55	1.88	4.44	1.92	4.33	1.95
		0	-2	5.09	1.74	4.97	1.77	4.85	1.81	4.73	1.85	4.61	1.88
		5	3	5.72	1.63	5.59	1.67	5.45	1.70	5.32	1.73	5.18	1.77
		7	6	6.09	1.63	5.95	1.67	5.80	1.70	5.66	1.73	5.51	1.77
		10	8	6.15	1.67	6.00	1.70	5.86	1.74	5.71	1.77	5.57	1.81
		15	10	6.40	1.75	6.24	1.79	6.09	1.83	5.94	1.86	5.79	1.90
20	15	6.09	1.36	5.95	1.39	5.80	1.42	5.66	1.45	5.51	1.48		

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 7000Btu

			Indoor temperature									
7+7	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	3.78	1.83	3.69	1.87	3.60	1.91	3.51	1.95	3.42	1.99
		-10 -11	4.26	1.95	4.16	1.99	4.06	2.03	3.96	2.06	3.86	2.06
		-5 -7	4.80	1.91	4.68	1.95	4.57	1.99	4.45	2.03	4.34	2.06
		0 -2	5.41	1.72	5.28	1.76	5.15	1.94	5.02	1.83	4.89	1.87
		5 3	6.02	1.80	5.88	1.83	5.73	1.91	5.59	1.91	5.45	1.95
		7 6	6.41	1.85	6.25	1.89	6.10	1.93	5.95	1.97	5.80	2.01
		10 8	6.47	1.89	6.32	1.93	6.16	1.97	6.01	2.01	5.85	2.05
		15 10	6.53	1.91	6.38	1.95	6.22	1.99	6.07	2.03	5.91	2.06
		20 15	6.41	1.67	6.25	1.70	6.10	1.74	5.95	1.77	5.80	1.81

● Indoor unit : 7000Btu + 9000Btu

			Indoor temperature									
7+9	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	3.82	1.96	3.72	2.00	3.63	2.04	3.54	2.06	3.45	2.06
		-10 -11	4.33	1.98	4.23	2.02	4.13	2.06	4.02	2.06	3.92	2.06
		-5 -7	4.87	1.98	4.76	2.02	4.64	2.06	4.52	2.06	4.41	2.06
		0 -2	5.58	1.84	5.44	1.88	5.31	2.03	5.18	1.95	5.05	1.99
		5 3	6.32	1.92	6.17	1.96	6.02	2.04	5.87	2.04	5.72	2.06
		7 6	6.72	1.98	6.56	2.02	6.40	2.06	6.24	2.06	6.08	2.06
		10 8	6.79	1.98	6.63	2.02	6.46	2.06	6.30	2.06	6.14	2.06
		15 10	6.85	1.98	6.69	2.02	6.53	2.06	6.36	2.06	6.20	2.06
		20 15	6.72	1.78	6.56	1.82	6.40	1.85	6.24	1.89	6.08	1.93

● Indoor unit : 7000Btu + 12000Btu

			Indoor temperature									
7+12	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	3.94	1.95	3.85	1.99	3.75	2.03	3.66	2.06	3.57	2.06
		-10 -11	4.45	1.98	4.34	2.02	4.24	2.06	4.13	2.06	4.02	2.06
		-5 -7	4.95	1.98	4.83	2.02	4.71	2.06	4.59	2.06	4.48	2.06
		0 -2	5.68	1.83	5.55	1.87	5.41	2.04	5.27	1.94	5.14	1.98
		5 3	6.42	1.91	6.26	1.95	6.11	2.05	5.96	2.03	5.80	2.06
		7 6	6.83	1.98	6.66	2.02	6.50	2.06	6.34	2.06	6.18	2.06
		10 8	6.89	1.98	6.73	2.02	6.57	2.06	6.40	2.06	6.24	2.06
		15 10	6.96	1.97	6.80	2.01	6.63	2.05	6.46	2.06	6.30	2.06
		20 15	6.83	1.57	6.66	1.61	6.50	1.64	6.34	1.67	6.18	1.71

● Indoor unit : 7000Btu + 14000Btu

			Indoor temperature									
7+14	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	4.34	1.93	4.24	1.97	4.13	2.01	4.03	2.05	3.93	2.06
		-10 -11	4.94	1.98	4.82	2.02	4.70	2.06	4.58	2.06	4.47	2.06
		-5 -7	5.44	1.98	5.31	2.02	5.18	2.06	5.05	2.06	4.92	2.06
		0 -2	6.20	1.81	6.06	1.85	5.91	2.04	5.76	1.93	5.61	1.96
		5.12 3	7.01	1.89	6.84	1.93	6.67	2.04	6.51	2.01	6.34	2.05
		7 6	7.46	1.98	7.28	2.02	7.10	2.06	6.92	2.06	6.75	2.06
		10 8	7.53	1.98	7.35	2.02	7.17	2.06	6.99	2.06	6.81	2.06
		15 10	7.60	1.95	7.42	1.99	7.24	2.03	7.06	2.06	6.88	2.06
		20 15	7.46	1.56	7.28	1.59	7.10	1.62	6.92	1.66	6.75	1.69

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu

			Indoor temperature									
9+9	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	3.89	1.95	3.80	1.99	3.71	2.03	3.61	2.06	3.52	2.06
		-10 -11	4.39	1.98	4.29	2.02	4.19	2.06	4.08	2.06	3.98	2.06
		-5 -7	4.95	1.98	4.83	2.02	4.71	2.06	4.59	2.06	4.48	2.06
		0 -2	5.66	1.83	5.53	1.87	5.40	2.04	5.26	1.94	5.13	1.98
		5 3	6.42	1.91	6.26	1.95	6.11	2.04	5.96	2.03	5.80	2.06
		7 6	6.83	1.98	6.66	2.02	6.50	2.06	6.34	2.06	6.18	2.06
		10 8	6.89	1.98	6.73	2.02	6.57	2.06	6.40	2.06	6.24	2.06
		15 10	6.96	1.98	6.80	2.02	6.63	2.06	6.46	2.06	6.30	2.06
		20 15	6.83	1.77	6.66	1.81	6.50	1.85	6.34	1.88	6.18	1.92

● Indoor unit : 9000Btu + 12000Btu

			Indoor temperature									
9+12	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	3.96	1.94	3.87	1.98	3.77	2.02	3.68	2.06	3.58	2.06
		-10 -11	4.47	1.98	4.36	2.02	4.26	2.06	4.15	2.06	4.05	2.06
		-5 -7	5.02	1.98	4.90	2.02	4.79	2.06	4.67	2.06	4.55	2.06
		0 -2	5.75	1.82	5.61	1.86	5.48	2.03	5.34	1.94	5.20	1.97
		5 3	6.51	1.90	6.36	1.94	6.20	2.04	6.05	2.02	5.89	2.06
		7 6	6.93	1.98	6.77	2.02	6.60	2.06	6.44	2.06	6.27	2.06
		10 8	7.00	1.98	6.83	2.02	6.67	2.06	6.50	2.06	6.33	2.06
		15 10	7.07	1.96	6.90	2.00	6.73	2.04	6.56	2.06	6.40	2.06
		20 15	6.93	1.57	6.77	1.60	6.60	1.63	6.44	1.66	6.27	1.70

● Indoor unit : 9000Btu + 14000Btu

			Indoor temperature									
9+14	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	4.38	1.92	4.28	1.96	4.17	2.00	4.07	2.04	3.97	2.06
		-10 -11	4.97	1.98	4.85	2.02	4.73	2.06	4.61	2.06	4.49	2.06
		-5 -7	5.50	1.98	5.37	2.02	5.24	2.06	5.11	2.06	4.97	2.06
		0 -2	6.27	1.80	6.13	1.84	5.98	2.05	5.83	1.92	5.68	1.95
		5 3	7.11	1.88	6.94	1.92	6.77	2.04	6.60	2.00	6.43	2.04
		7 6	7.56	1.98	7.38	2.02	7.20	2.06	7.02	2.06	6.84	2.06
		10 8	7.64	1.98	7.45	2.02	7.27	2.06	7.09	2.06	6.91	2.06
		15 10	7.71	1.94	7.53	1.98	7.34	2.02	7.16	2.06	6.98	2.06
		20 15	7.56	1.55	7.38	1.58	7.20	1.62	7.02	1.65	6.84	1.68

● Indoor unit : 12000Btu + 12000Btu

			Indoor temperature									
12+12	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	3.81	1.93	3.72	1.97	3.63	2.01	3.54	2.05	3.45	2.06
		-10 -11	4.44	1.98	4.33	2.02	4.22	2.06	4.12	2.06	4.01	2.06
		-5 -7	5.02	1.98	4.90	2.02	4.79	2.06	4.67	2.06	4.55	2.06
		0 -2	5.75	1.81	5.61	1.85	5.48	2.04	5.34	1.93	5.20	1.96
		5 3	6.51	1.89	6.36	1.93	6.20	2.05	6.05	2.01	5.89	2.05
		7 6	6.93	1.98	6.77	2.02	6.60	2.06	6.44	2.06	6.27	2.06
		10 8	7.00	1.98	6.83	2.02	6.67	2.06	6.50	2.06	6.33	2.06
		15 10	7.07	1.95	6.90	1.99	6.73	2.03	6.56	2.06	6.40	2.06
		20 15	6.93	1.56	6.77	1.59	6.60	1.62	6.44	1.66	6.27	1.69

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 12000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.22	1.78	4.12	1.81	4.02	1.85	3.91	1.89	3.81	1.92
		-10	-11	4.91	1.85	4.79	1.89	4.67	1.93	4.56	1.97	4.44	2.01
		-5	-7	5.56	1.91	5.42	1.95	5.29	1.99	5.16	2.03	5.03	2.06
		0	-2	6.36	1.87	6.21	1.91	6.06	1.95	5.91	1.99	5.76	2.03
		5	3	7.21	1.93	7.03	1.97	6.86	2.01	6.69	2.06	6.52	2.06
		7	6	7.67	1.98	7.48	2.02	7.30	2.06	7.12	2.06	6.94	2.06
		10	8	7.74	1.93	7.56	1.97	7.37	2.01	7.19	2.06	7.00	2.06
		15	10	7.82	1.79	7.63	1.83	7.45	1.87	7.26	1.91	7.07	1.94
		20	15	7.67	1.54	7.48	1.58	7.30	1.61	7.12	1.64	6.94	1.67

● Indoor unit : 7000Btu + 7000Btu + 7000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.61	1.94	4.50	1.98	4.39	2.02	4.28	2.06	4.17	2.06
		-10	-11	5.34	1.98	5.21	2.02	5.08	2.06	4.95	2.06	4.83	2.06
		-5	-7	5.98	1.98	5.84	2.02	5.70	2.06	5.56	2.06	5.41	2.06
		0	-2	6.79	1.82	6.63	1.86	6.47	2.04	6.31	1.94	6.14	1.97
		5	3	7.60	1.90	7.42	1.94	7.24	2.05	7.06	2.02	6.88	2.06
		7	6	8.09	1.98	7.89	2.02	7.70	2.06	7.51	2.06	7.32	2.06
		10	8	8.41	1.98	8.21	2.02	8.01	2.06	7.81	2.06	7.61	2.06
		15	10	8.73	1.96	8.52	2.00	8.32	2.04	8.11	2.06	7.90	2.06
		20	15	9.06	1.57	8.84	1.60	8.62	1.63	8.41	1.66	8.19	1.70

● Indoor unit : 7000Btu + 7000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.67	1.93	4.56	1.97	4.45	2.01	4.33	2.05	4.22	2.06
		-10	-11	5.41	1.98	5.28	2.02	5.15	2.06	5.02	2.06	4.89	2.06
		-5	-7	6.06	1.98	5.92	2.02	5.77	2.06	5.63	2.06	5.48	2.06
		0	-2	6.88	1.81	6.72	1.85	6.55	2.04	6.39	1.93	6.22	1.96
		5	3	7.70	1.89	7.52	1.93	7.33	2.05	7.15	2.01	6.97	2.05
		7	6	8.19	1.98	8.00	2.02	7.80	2.06	7.61	2.06	7.41	2.06
		10	8	8.52	1.98	8.31	2.02	8.11	2.06	7.91	2.06	7.71	2.06
		15	10	8.85	1.95	8.63	1.99	8.42	2.03	8.21	2.06	8.00	2.06
		20	15	9.17	1.56	8.95	1.59	8.74	1.62	8.52	1.66	8.30	1.69

● Indoor unit : 7000Btu + 7000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.67	1.81	4.56	1.85	4.45	1.89	4.33	1.92	4.22	1.96
		-10	-11	5.41	1.89	5.28	1.93	5.15	1.97	5.02	2.01	4.89	2.05
		-5	-7	6.06	1.95	5.92	1.99	5.77	2.03	5.63	2.06	5.48	2.06
		0	-2	6.88	1.91	6.72	1.95	6.55	1.99	6.39	2.03	6.22	2.06
		5	3	7.70	1.97	7.52	2.01	7.33	2.05	7.15	2.06	6.97	2.06
		7	6	8.19	1.98	8.00	2.02	7.80	2.06	7.61	2.06	7.41	2.06
		10	8	8.52	1.97	8.31	2.01	8.11	2.05	7.91	2.06	7.71	2.06
		15	10	8.85	1.83	8.63	1.87	8.42	1.91	8.21	1.94	8.00	1.98
		20	15	9.17	1.57	8.95	1.61	8.74	1.64	8.52	1.67	8.30	1.71

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 7000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.79	1.82	4.67	1.86	4.56	1.90	4.45	1.93	4.33	1.97
		-10	-11	5.54	1.90	5.41	1.94	5.28	1.98	5.15	2.02	5.02	2.06
		-5	-7	6.22	1.96	6.07	2.00	5.92	2.04	5.77	2.06	5.62	2.06
		0	-2	7.06	1.92	6.89	1.96	6.72	2.00	6.55	2.04	6.38	2.06
		5	3	7.90	1.98	7.71	2.02	7.52	2.06	7.33	2.06	7.14	2.06
		7	6	8.40	1.98	8.20	2.02	8.00	2.06	7.80	2.06	7.60	2.06
		10	8	8.74	1.98	8.53	2.02	8.32	2.06	8.11	2.06	7.90	2.06
		15	10	9.07	1.84	8.86	1.88	8.64	1.92	8.42	1.95	8.21	1.99
		20	15	9.41	1.58	9.18	1.62	8.96	1.65	8.74	1.68	8.51	1.71

● Indoor unit : 7000Btu + 9000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.67	1.81	4.56	1.85	4.45	1.89	4.33	1.92	4.22	1.96
		-10	-11	5.41	1.89	5.28	1.93	5.15	1.97	5.02	2.01	4.89	2.05
		-5	-7	6.06	1.95	5.92	1.99	5.77	2.03	5.63	2.06	5.48	2.06
		0	-2	6.88	1.91	6.72	1.95	6.55	1.99	6.39	2.03	6.22	2.06
		5	3	7.70	1.97	7.52	2.01	7.33	2.05	7.15	2.06	6.97	2.06
		7	6	8.19	1.98	8.00	2.02	7.80	2.06	7.61	2.06	7.41	2.06
		10	8	8.52	1.97	8.31	2.01	8.11	2.05	7.91	2.06	7.71	2.06
		15	10	8.85	1.83	8.63	1.87	8.42	1.91	8.21	1.94	8.00	1.98
		20	15	9.17	1.57	8.95	1.61	8.74	1.64	8.52	1.67	8.30	1.71

● Indoor unit : 7000Btu + 9000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.73	1.80	4.62	1.84	4.50	1.88	4.39	1.91	4.28	1.95
		-10	-11	5.47	1.88	5.34	1.92	5.21	1.96	5.08	2.00	4.95	2.04
		-5	-7	6.14	1.94	5.99	1.98	5.85	2.02	5.70	2.06	5.55	2.06
		0	-2	6.97	1.90	6.80	1.94	6.64	1.98	6.47	2.02	6.30	2.06
		5	3	7.80	1.96	7.61	2.00	7.43	2.04	7.24	2.06	7.05	2.06
		7	6	8.30	1.98	8.10	2.02	7.90	2.06	7.70	2.06	7.51	2.06
		10	8	8.63	1.96	8.42	2.00	8.22	2.04	8.01	2.06	7.81	2.06
		15	10	8.96	1.82	8.75	1.86	8.53	1.90	8.32	1.94	8.11	1.97
		20	15	9.29	1.57	9.07	1.60	8.85	1.63	8.63	1.66	8.41	1.70

● Indoor unit : 7000Btu + 9000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.79	1.81	4.67	1.85	4.56	1.89	4.45	1.92	4.33	1.96
		-10	-11	5.54	1.89	5.41	1.93	5.28	1.97	5.15	2.01	5.02	2.05
		-5	-7	6.22	1.95	6.07	1.99	5.92	2.03	5.77	2.06	5.62	2.06
		0	-2	7.06	1.91	6.89	1.95	6.72	1.99	6.55	2.03	6.38	2.06
		5	3	7.90	1.97	7.71	2.01	7.52	2.05	7.33	2.06	7.14	2.06
		7	6	8.40	1.98	8.20	2.02	8.00	2.06	7.80	2.06	7.60	2.06
		10	8	8.74	1.97	8.53	2.01	8.32	2.05	8.11	2.06	7.90	2.06
		15	10	9.07	1.83	8.86	1.87	8.64	1.91	8.42	1.94	8.21	1.98
		20	15	9.41	1.57	9.18	1.61	8.96	1.64	8.74	1.67	8.51	1.71

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu + 9000Btu

			Indoor temperature									
9+9+9	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	4.73	1.80	4.62	1.84	4.50	1.88	4.39	1.91	4.28	1.95
		-10 -11	5.47	1.88	5.34	1.92	5.21	1.96	5.08	2.00	4.95	2.04
		-5 -7	6.14	1.94	5.99	1.98	5.85	2.02	5.70	2.06	5.55	2.06
		0 -2	6.97	1.90	6.80	1.94	6.64	1.98	6.47	2.02	6.30	2.06
		5 3	7.80	1.96	7.61	2.00	7.43	2.04	7.24	2.06	7.05	2.06
		7 6	8.30	1.98	8.10	2.02	7.90	2.06	7.70	2.06	7.51	2.06
		10 8	8.63	1.96	8.42	2.00	8.22	2.04	8.01	2.06	7.81	2.06
		15 10	8.96	1.82	8.75	1.86	8.53	1.90	8.32	1.94	8.11	1.97
		20 15	9.29	1.57	9.07	1.60	8.85	1.63	8.63	1.66	8.41	1.70

● Indoor unit : 9000Btu + 9000Btu + 12000Btu

			Indoor temperature									
9+9+12	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	4.73	1.79	4.62	1.83	4.50	1.87	4.39	1.90	4.28	1.94
		-10 -11	5.47	1.87	5.34	1.91	5.21	1.95	5.08	1.99	4.95	2.03
		-5 -7	6.14	1.93	5.99	1.97	5.85	2.01	5.70	2.05	5.55	2.06
		0 -2	6.97	1.89	6.80	1.93	6.64	1.97	6.47	2.01	6.30	2.05
		5 3	7.80	1.95	7.61	1.99	7.43	2.03	7.24	2.06	7.05	2.06
		7 6	8.30	1.98	8.10	2.02	7.90	2.06	7.70	2.06	7.51	2.06
		10 8	8.63	1.95	8.42	1.99	8.22	2.03	8.01	2.06	7.81	2.06
		15 10	8.96	1.81	8.75	1.85	8.53	1.89	8.32	1.93	8.11	1.96
		20 15	9.29	1.56	9.07	1.59	8.85	1.62	8.63	1.66	8.41	1.69

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 2 or more indoor units should be connected.

■ MODEL: AO*G24L3

● Indoor unit : 7000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	2.32	1.06	2.27	1.09	2.21	1.11	2.16	1.13	2.10	1.15
		-10	-11	2.65	1.14	2.59	1.16	2.52	1.19	2.46	1.21	2.40	1.23
		-5	-7	2.77	1.09	2.70	1.11	2.64	1.13	2.57	1.16	2.50	1.18
		0	-2	2.89	1.03	2.82	1.05	2.75	1.08	2.68	1.10	2.61	1.12
		5	3	3.26	0.96	3.18	0.98	3.10	1.00	3.02	1.02	2.95	1.04
		7	6	3.47	0.96	3.38	0.98	3.30	1.00	3.22	1.02	3.14	1.04
		10	8	3.50	1.01	3.42	1.03	3.33	1.05	3.25	1.07	3.17	1.09
		15	10	3.53	0.97	3.45	0.99	3.37	1.01	3.28	1.03	3.20	1.05
		20	15	3.47	0.76	3.38	0.78	3.30	0.79	3.22	0.81	3.14	0.83

● Indoor unit : 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	2.88	1.29	2.81	1.32	2.74	1.34	2.68	1.37	2.61	1.40
		-10	-11	3.28	1.39	3.20	1.42	3.12	1.44	3.04	1.47	2.97	1.50
		-5	-7	3.46	1.34	3.38	1.37	3.29	1.40	3.21	1.43	3.13	1.46
		0	-2	3.66	1.30	3.57	1.33	3.49	1.35	3.40	1.38	3.31	1.41
		5	3	4.15	1.25	4.05	1.27	3.95	1.30	3.85	1.33	3.75	1.35
		7	6	4.41	1.25	4.31	1.27	4.20	1.30	4.10	1.33	3.99	1.35
		10	8	4.45	1.27	4.35	1.30	4.24	1.33	4.14	1.35	4.03	1.38
		15	10	4.50	1.27	4.39	1.30	4.28	1.32	4.18	1.35	4.07	1.38
		20	15	4.41	0.96	4.31	0.98	4.20	1.00	4.10	1.02	3.99	1.04

● Indoor unit : 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.48	1.67	3.39	1.70	3.31	1.74	3.23	1.77	3.15	1.80
		-10	-11	3.75	1.78	3.66	1.82	3.57	1.86	3.48	1.89	3.39	1.93
		-5	-7	3.95	1.75	3.86	1.78	3.76	1.82	3.67	1.86	3.57	1.89
		0	-2	4.18	1.66	4.08	1.70	3.98	1.73	3.88	1.77	3.78	1.80
		5	3	4.74	1.56	4.62	1.59	4.51	1.62	4.40	1.65	4.29	1.68
		7	6	5.04	1.56	4.92	1.59	4.80	1.62	4.68	1.65	4.56	1.68
		10	8	5.09	1.59	4.97	1.62	4.85	1.65	4.73	1.69	4.61	1.72
		15	10	5.14	1.59	5.02	1.63	4.90	1.66	4.77	1.69	4.65	1.73
		20	15	5.04	1.35	4.92	1.38	4.80	1.41	4.68	1.43	4.56	1.46

● Indoor unit : 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.95	1.71	3.85	1.75	3.76	1.78	3.67	1.82	3.57	1.86
		-10	-11	4.50	1.83	4.39	1.87	4.29	1.91	4.18	1.95	4.07	1.98
		-5	-7	4.78	1.80	4.67	1.84	4.55	1.88	4.44	1.92	4.33	1.95
		0	-2	5.09	1.74	4.97	1.77	4.85	1.81	4.73	1.85	4.61	1.88
		5	3	5.72	1.63	5.59	1.67	5.45	1.70	5.32	1.73	5.18	1.77
		7	6	6.09	1.63	5.95	1.67	5.80	1.70	5.66	1.73	5.51	1.77
		10	8	6.15	1.67	6.00	1.70	5.86	1.74	5.71	1.77	5.57	1.81
		15	10	6.40	1.75	6.24	1.79	6.09	1.83	5.94	1.86	5.79	1.90
20	15	6.09	1.36	5.95	1.39	5.80	1.42	5.66	1.45	5.51	1.48		

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 2 or more indoor units should be connected.

● Indoor unit : 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.68	2.30	4.57	2.35	4.46	2.40	4.35	2.45	4.24	2.50
		-10	-11	5.32	2.39	5.20	2.44	5.07	2.49	4.94	2.54	4.82	2.59
		-5	-7	5.70	2.47	5.56	2.52	5.43	2.57	5.29	2.62	5.16	2.68
		0	-2	6.19	2.33	6.04	2.38	5.89	2.42	5.75	2.47	5.60	2.52
		5	3	7.01	2.30	6.84	2.35	6.67	2.40	6.51	2.45	6.34	2.50
		7	6	7.46	2.30	7.28	2.35	7.10	2.40	6.92	2.45	6.75	2.50
		10	8	7.53	2.36	7.35	2.41	7.17	2.46	6.99	2.51	6.81	2.56
		15	10	7.60	2.30	7.42	2.35	7.24	2.40	7.06	2.45	6.88	2.50
		20	15	7.46	1.93	7.28	1.97	7.10	2.01	6.92	2.05	6.75	2.09

● Indoor unit : 7000Btu + 7000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	3.85	1.83	3.76	1.87	3.66	1.91	3.57	1.95	3.48	1.99
		-10	-11	4.55	1.95	4.45	1.99	4.34	2.03	4.23	2.07	4.12	2.11
		-5	-7	5.00	1.91	4.88	1.95	4.76	1.99	4.65	2.03	4.53	2.07
		0	-2	5.54	1.72	5.41	1.76	5.28	1.89	5.15	1.83	5.01	1.87
		5	3	6.02	1.80	5.88	1.83	5.73	1.91	5.59	1.91	5.45	1.95
		7	6	6.41	1.85	6.25	1.89	6.10	1.93	5.95	1.97	5.80	2.01
		10	8	6.76	1.89	6.60	1.93	6.44	1.97	6.27	2.01	6.11	2.05
		15	10	7.44	1.91	7.26	1.95	7.09	1.99	6.91	2.03	6.73	2.07
		20	15	6.77	1.67	6.61	1.70	6.45	1.74	6.29	1.77	6.12	1.81

● Indoor unit : 7000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.31	2.36	4.21	2.41	4.10	2.46	4.00	2.50	3.90	2.55
		-10	-11	5.09	2.50	4.97	2.55	4.85	2.60	4.72	2.66	4.60	2.71
		-5	-7	5.59	2.45	5.46	2.50	5.33	2.55	5.19	2.61	5.06	2.66
		0	-2	6.25	2.21	6.11	2.26	5.96	2.50	5.81	2.35	5.66	2.40
		5	3	6.91	2.31	6.74	2.36	6.58	2.48	6.42	2.45	6.25	2.50
		7	6	7.35	2.42	7.18	2.47	7.00	2.52	6.83	2.57	6.65	2.62
		10	8	7.73	2.23	7.55	2.27	7.36	2.40	7.18	2.32	7.00	2.32
		15	10	7.78	2.23	7.60	2.27	7.41	2.32	7.23	2.32	7.04	2.32
		20	15	7.18	1.87	7.01	1.91	6.84	1.95	6.67	1.95	6.50	1.95

● Indoor unit : 7000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.58	2.46	4.47	2.51	4.36	2.56	4.25	2.62	4.14	2.67
		-10	-11	5.33	2.61	5.20	2.67	5.08	2.72	4.95	2.78	4.82	2.78
		-5	-7	5.90	2.56	5.76	2.61	5.62	2.67	5.48	2.72	5.34	2.78
		0	-2	6.64	2.31	6.48	2.36	6.32	2.61	6.16	2.46	6.00	2.51
		5	3	7.21	2.41	7.03	2.46	6.86	2.64	6.69	2.56	6.52	2.61
		7	6	7.67	2.55	7.48	2.61	7.30	2.66	7.12	2.71	6.94	2.77
		10	8	8.04	2.23	7.85	2.27	7.66	2.53	7.47	2.32	7.28	2.32
		15	10	8.06	2.23	7.87	2.27	7.68	2.32	7.49	2.32	7.30	2.32
		20	15	7.84	1.87	7.66	1.91	7.47	1.95	7.28	1.95	7.10	1.95

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 14000Btu

			Indoor temperature									
7+14	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	4.90	2.67	4.78	2.72	4.66	2.78	4.55	2.78	4.43	2.78
		-10 -11	5.75	2.67	5.61	2.72	5.47	2.78	5.34	2.78	5.20	2.78
		-5 -7	6.51	2.67	6.35	2.72	6.20	2.78	6.04	2.78	5.89	2.78
		0 -2	7.31	2.49	7.14	2.54	6.97	2.80	6.79	2.65	6.62	2.70
		5 3	8.19	2.60	8.00	2.65	7.80	2.82	7.61	2.78	7.41	2.78
		7 6	8.72	2.76	8.51	2.87	8.30	2.87	8.09	2.87	7.89	2.87
		10 8	9.04	2.23	8.83	2.27	8.61	2.60	8.40	2.32	8.18	2.32
		15 10	8.96	2.23	8.75	2.27	8.53	2.32	8.32	2.32	8.11	2.32
		20 15	8.52	1.87	8.32	1.91	8.12	1.95	7.91	1.95	7.71	1.95

● Indoor unit : 7000Btu + 18000Btu

			Indoor temperature									
7+18	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	4.94	2.47	4.82	2.52	4.70	2.58	4.58	2.63	4.47	2.68
		-10 -11	5.79	2.58	5.65	2.63	5.51	2.69	5.38	2.74	5.24	2.78
		-5 -7	6.54	2.67	6.38	2.72	6.23	2.78	6.07	2.78	5.91	2.78
		0 -2	7.38	2.61	7.21	2.66	7.03	2.80	6.86	2.78	6.68	2.78
		5 3	8.23	2.67	8.03	2.72	7.84	2.82	7.64	2.78	7.44	2.78
		7 6	8.72	2.76	8.51	2.87	8.30	2.87	8.09	2.87	7.89	2.87
		10 8	9.03	2.23	8.81	2.27	8.60	2.60	8.38	2.32	8.17	2.32
		15 10	8.98	2.23	8.77	2.27	8.56	2.32	8.34	2.32	8.13	2.32
		20 15	8.72	1.87	8.51	1.91	8.30	1.95	8.09	1.95	7.89	1.95

● Indoor unit : 9000Btu + 9000Btu

			Indoor temperature									
9+9	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	4.55	2.49	4.44	2.54	4.34	2.59	4.23	2.65	4.12	2.70
		-10 -11	5.35	2.64	5.22	2.70	5.10	2.75	4.97	2.78	4.84	2.78
		-5 -7	5.89	2.59	5.75	2.64	5.61	2.70	5.47	2.75	5.33	2.78
		0 -2	6.60	2.34	6.44	2.39	6.28	2.67	6.12	2.49	5.97	2.53
		5 3	7.30	2.44	7.13	2.49	6.96	2.63	6.78	2.59	6.61	2.64
		7 6	7.77	2.57	7.59	2.63	7.40	2.68	7.22	2.73	7.03	2.79
		10 8	8.17	2.23	7.97	2.27	7.78	2.48	7.59	2.32	7.39	2.32
		15 10	8.26	2.23	8.06	2.27	7.87	2.32	7.67	2.32	7.47	2.32
		20 15	7.33	1.87	7.15	1.91	6.98	1.95	6.81	1.95	6.63	1.95

● Indoor unit : 9000Btu + 12000Btu

			Indoor temperature									
9+12	Outdoor temperature		16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
		(°CDB) (°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15 -16	4.62	2.63	4.51	2.69	4.40	2.74	4.29	2.78	4.18	2.78
		-10 -11	5.44	2.67	5.31	2.72	5.18	2.78	5.05	2.78	4.92	2.78
		-5 -7	6.02	2.67	5.88	2.72	5.74	2.78	5.59	2.78	5.45	2.78
		0 -2	6.79	2.47	6.63	2.52	6.47	2.76	6.30	2.63	6.14	2.68
		5 3	7.60	2.58	7.42	2.63	7.24	2.78	7.06	2.74	6.88	2.78
		7 6	8.09	2.76	7.89	2.87	7.70	2.87	7.51	2.87	7.32	2.87
		10 8	8.39	2.23	8.19	2.27	7.99	2.56	7.79	2.32	7.59	2.32
		15 10	8.44	2.23	8.24	2.27	8.04	2.32	7.84	2.32	7.64	2.32
		20 15	7.39	1.87	7.21	1.91	7.03	1.95	6.86	1.95	6.68	1.95

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.91	2.63	4.79	2.69	4.67	2.74	4.56	2.78	4.44	2.78
		-10	-11	5.76	2.67	5.63	2.72	5.49	2.78	5.35	2.78	5.21	2.78
		-5	-7	6.53	2.67	6.37	2.72	6.22	2.78	6.06	2.78	5.91	2.78
		0	-2	7.35	2.47	7.18	2.52	7.00	2.77	6.83	2.63	6.65	2.68
		5	3	8.22	2.58	8.02	2.63	7.83	2.80	7.63	2.74	7.43	2.78
		7	6	8.72	2.76	8.51	2.87	8.30	2.87	8.09	2.87	7.89	2.87
		10	8	9.09	2.23	8.87	2.27	8.66	2.68	8.44	2.32	8.22	2.32
		15	10	9.05	2.23	8.84	2.27	8.62	2.32	8.40	2.32	8.19	2.32
		20	15	8.77	1.87	8.56	1.91	8.35	1.95	8.14	1.95	7.94	1.95

● Indoor unit : 9000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.99	2.46	4.88	2.52	4.76	2.57	4.64	2.62	4.52	2.67
		-10	-11	5.86	2.57	5.72	2.62	5.58	2.68	5.45	2.73	5.31	2.78
		-5	-7	6.63	2.67	6.47	2.72	6.31	2.78	6.15	2.78	6.00	2.78
		0	-2	7.54	2.60	7.36	2.65	7.18	2.80	7.00	2.78	6.82	2.78
		5	3	8.39	2.67	8.19	2.72	7.99	2.82	7.79	2.78	7.59	2.78
		7	6	8.93	2.76	8.71	2.87	8.50	2.87	8.29	2.87	8.08	2.87
		10	8	9.25	2.23	9.03	2.27	8.81	2.68	8.59	2.32	8.37	2.32
		15	10	9.16	2.23	8.94	2.27	8.73	2.32	8.51	2.32	8.29	2.32
		20	15	8.93	1.87	8.72	1.91	8.51	1.95	8.29	1.95	8.08	1.95

● Indoor unit : 12000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.66	2.67	4.55	2.72	4.44	2.78	4.33	2.78	4.22	2.78
		-10	-11	5.49	2.67	5.36	2.72	5.23	2.78	5.09	2.78	4.96	2.78
		-5	-7	6.08	2.67	5.94	2.72	5.79	2.78	5.65	2.78	5.50	2.78
		0	-2	6.86	2.49	6.70	2.54	6.53	2.80	6.37	2.65	6.21	2.70
		5	3	7.70	2.60	7.52	2.65	7.34	2.84	7.15	2.78	6.97	2.78
		7	6	8.19	2.76	8.00	2.87	7.80	2.87	7.61	2.87	7.41	2.87
		10	8	8.55	2.23	8.35	2.27	8.15	2.61	7.94	2.32	7.74	2.32
		15	10	8.56	2.23	8.35	2.27	8.15	2.32	7.94	2.32	7.74	2.32
		20	15	8.25	1.87	8.05	1.91	7.85	1.95	7.66	1.95	7.46	1.95

● Indoor unit : 12000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.91	2.47	4.80	2.52	4.68	2.58	4.56	2.63	4.45	2.68
		-10	-11	5.78	2.58	5.64	2.63	5.50	2.69	5.37	2.74	5.23	2.78
		-5	-7	6.55	2.67	6.39	2.72	6.24	2.78	6.08	2.78	5.93	2.78
		0	-2	7.43	2.61	7.25	2.66	7.08	2.79	6.90	2.78	6.72	2.78
		5	3	8.29	2.67	8.09	2.72	7.90	2.80	7.70	2.78	7.50	2.78
		7	6	8.82	2.76	8.61	2.87	8.40	2.87	8.19	2.87	7.98	2.87
		10	8	9.15	2.23	8.93	2.27	8.71	2.55	8.49	2.32	8.28	2.32
		15	10	9.12	2.23	8.90	2.27	8.69	2.32	8.47	2.32	8.25	2.32
		20	15	8.83	1.87	8.62	1.91	8.41	1.95	8.20	1.95	7.99	1.95

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 12000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.03	2.45	4.91	2.50	4.79	2.55	4.67	2.60	4.55	2.65
		-10	-11	5.91	2.55	5.77	2.61	5.63	2.66	5.49	2.71	5.35	2.78
		-5	-7	6.68	2.63	6.52	2.69	6.37	2.74	6.21	2.78	6.05	2.78
		0	-2	7.61	2.58	7.43	2.63	7.25	2.76	7.07	2.74	6.89	2.78
		5	3	8.49	2.67	8.29	2.72	8.08	2.78	7.88	2.78	7.68	2.78
		7	6	9.03	2.76	8.82	2.87	8.60	2.87	8.39	2.87	8.17	2.87
		10	8	9.41	2.23	9.19	2.27	8.96	2.67	8.74	2.32	8.51	2.32
		15	10	9.31	2.23	9.09	2.27	8.86	2.32	8.64	2.32	8.42	2.32
		20	15	9.06	1.87	8.85	1.91	8.63	1.95	8.42	1.95	8.20	1.95

● Indoor unit : 7000Btu + 7000Btu + 7000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	4.97	2.32	4.85	2.37	4.73	2.42	4.61	2.46	4.49	2.51
		-10	-11	5.78	2.42	5.64	2.47	5.50	2.52	5.37	2.57	5.23	2.63
		-5	-7	6.55	2.53	6.39	2.58	6.24	2.63	6.08	2.68	5.92	2.74
		0	-2	7.49	2.68	7.32	2.74	7.14	2.79	6.96	2.87	6.78	2.87
		5	3	8.49	2.57	8.29	2.63	8.08	2.68	7.88	2.73	7.68	2.79
		7	6	9.03	2.57	8.82	2.63	8.60	2.68	8.39	2.73	8.17	2.79
		10	8	9.39	2.62	9.17	2.68	8.94	2.73	8.72	2.79	8.50	2.87
		15	10	9.84	2.62	9.61	2.68	9.37	2.73	9.14	2.79	8.91	2.87
		20	15	9.03	2.03	8.82	2.07	8.60	2.12	8.39	2.16	8.17	2.20

● Indoor unit : 7000Btu + 7000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.08	2.34	4.96	2.39	4.84	2.44	4.72	2.49	4.60	2.54
		-10	-11	5.91	2.46	5.77	2.52	5.63	2.57	5.49	2.62	5.35	2.67
		-5	-7	6.70	2.55	6.54	2.61	6.38	2.66	6.22	2.71	6.06	2.77
		0	-2	7.67	2.76	7.49	2.87	7.30	2.87	7.12	2.87	6.94	2.87
		5	3	8.69	2.76	8.48	2.87	8.27	2.87	8.07	2.87	7.86	2.87
		7	6	9.24	2.76	9.02	2.87	8.80	2.87	8.58	2.87	8.36	2.87
		10	8	9.61	2.76	9.38	2.87	9.15	2.87	8.92	2.87	8.69	2.87
		15	10	10.07	2.67	9.83	2.73	9.59	2.78	9.35	2.87	9.11	2.87
		20	15	9.24	2.04	9.02	2.08	8.80	2.12	8.58	2.17	8.36	2.21

● Indoor unit : 7000Btu + 7000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.14	2.29	5.02	2.33	4.90	2.38	4.77	2.43	4.65	2.48
		-10	-11	5.98	2.40	5.84	2.45	5.70	2.50	5.55	2.55	5.41	2.60
		-5	-7	6.78	2.49	6.61	2.54	6.45	2.60	6.29	2.65	6.13	2.70
		0	-2	7.76	2.69	7.57	2.74	7.39	2.80	7.20	2.87	7.02	2.87
		5	3	8.78	2.69	8.58	2.74	8.37	2.80	8.16	2.87	7.95	2.87
		7	6	9.35	2.69	9.12	2.74	8.90	2.80	8.68	2.87	8.46	2.87
		10	8	9.72	2.69	9.49	2.74	9.26	2.80	9.02	2.87	8.79	2.87
		15	10	10.19	2.61	9.94	2.66	9.70	2.72	9.46	2.77	9.22	2.87
		20	15	9.35	1.99	9.12	2.03	8.90	2.07	8.68	2.11	8.46	2.15

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 7000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.22	5.19	2.27	5.06	2.31	4.93	2.36	4.81	2.41
		-10	-11	6.18	2.34	6.04	2.38	5.89	2.43	5.74	2.48	5.59	2.53
		-5	-7	7.00	2.42	6.84	2.47	6.67	2.52	6.50	2.57	6.34	2.62
		0	-2	8.02	2.61	7.83	2.67	7.64	2.72	7.45	2.77	7.25	2.87
		5	3	9.08	2.61	8.86	2.67	8.65	2.72	8.43	2.77	8.22	2.87
		7	6	9.66	2.61	9.43	2.67	9.20	2.72	8.97	2.77	8.74	2.87
		10	8	10.05	2.61	9.81	2.67	9.57	2.72	9.33	2.77	9.09	2.87
		15	10	10.53	2.53	10.28	2.59	10.03	2.64	9.78	2.69	9.53	2.74
		20	15	9.66	1.93	9.43	1.97	9.20	2.01	8.97	2.05	8.74	2.09

● Indoor unit : 7000Btu + 7000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.20	5.19	2.25	5.06	2.30	4.93	2.34	4.81	2.39
		-10	-11	6.18	2.32	6.04	2.37	5.89	2.41	5.74	2.46	5.59	2.51
		-5	-7	7.00	2.40	6.84	2.45	6.67	2.50	6.50	2.55	6.34	2.60
		0	-2	8.02	2.59	7.83	2.65	7.64	2.70	7.45	2.75	7.25	2.87
		5	3	9.08	2.59	8.86	2.65	8.65	2.70	8.43	2.75	8.22	2.87
		7	6	9.66	2.59	9.43	2.65	9.20	2.70	8.97	2.75	8.74	2.87
		10	8	10.05	2.59	9.81	2.65	9.57	2.70	9.33	2.75	9.09	2.87
		15	10	10.53	2.51	10.28	2.57	10.03	2.62	9.78	2.67	9.53	2.72
		20	15	9.66	1.92	9.43	1.96	9.20	2.00	8.97	2.04	8.74	2.08

● Indoor unit : 7000Btu + 9000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.20	2.34	5.07	2.39	4.95	2.44	4.83	2.49	4.70	2.54
		-10	-11	6.05	2.46	5.90	2.52	5.76	2.57	5.62	2.62	5.47	2.67
		-5	-7	6.85	2.55	6.69	2.61	6.53	2.66	6.36	2.71	6.20	2.77
		0	-2	7.84	2.76	7.66	2.87	7.47	2.87	7.28	2.87	7.10	2.87
		5	3	8.88	2.76	8.67	2.87	8.46	2.87	8.25	2.87	8.04	2.87
		7	6	9.45	2.76	9.23	2.87	9.00	2.87	8.78	2.87	8.55	2.87
		10	8	9.83	2.76	9.59	2.87	9.36	2.87	9.13	2.87	8.89	2.87
		15	10	10.30	2.67	10.06	2.73	9.81	2.78	9.56	2.87	9.32	2.87
		20	15	9.45	2.04	9.23	2.08	9.00	2.12	8.78	2.17	8.55	2.21

● Indoor unit : 7000Btu + 9000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.26	2.34	5.13	2.39	5.01	2.44	4.88	2.49	4.75	2.54
		-10	-11	6.12	2.46	5.97	2.52	5.82	2.57	5.68	2.62	5.53	2.67
		-5	-7	6.93	2.55	6.76	2.61	6.60	2.66	6.43	2.71	6.27	2.77
		0	-2	7.93	2.76	7.74	2.87	7.55	2.87	7.36	2.87	7.18	2.87
		5	3	8.98	2.76	8.77	2.87	8.55	2.87	8.34	2.87	8.13	2.87
		7	6	9.56	2.76	9.33	2.87	9.10	2.87	8.87	2.87	8.65	2.87
		10	8	9.94	2.76	9.70	2.87	9.46	2.87	9.23	2.87	8.99	2.87
		15	10	10.41	2.67	10.17	2.73	9.92	2.78	9.67	2.87	9.42	2.87
		20	15	9.56	2.04	9.33	2.08	9.10	2.12	8.87	2.17	8.65	2.21

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 9000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.22	5.19	2.27	5.06	2.31	4.93	2.36	4.81	2.41
		-10	-11	6.18	2.34	6.04	2.38	5.89	2.43	5.74	2.48	5.59	2.53
		-5	-7	7.00	2.42	6.84	2.47	6.67	2.52	6.50	2.57	6.34	2.62
		0	-2	8.02	2.61	7.83	2.67	7.64	2.72	7.45	2.77	7.25	2.87
		5	3	9.08	2.61	8.86	2.67	8.65	2.72	8.43	2.77	8.22	2.87
		7	6	9.66	2.61	9.43	2.67	9.20	2.72	8.97	2.77	8.74	2.87
		10	8	10.05	2.61	9.81	2.67	9.57	2.72	9.33	2.77	9.09	2.87
		15	10	10.53	2.53	10.28	2.59	10.03	2.64	9.78	2.69	9.53	2.74
		20	15	9.66	1.93	9.43	1.97	9.20	2.01	8.97	2.05	8.74	2.09

● Indoor unit : 7000Btu + 9000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.20	5.19	2.24	5.06	2.29	4.93	2.33	4.81	2.38
		-10	-11	6.18	2.31	6.04	2.36	5.89	2.41	5.74	2.45	5.59	2.50
		-5	-7	7.00	2.39	6.84	2.44	6.67	2.49	6.50	2.54	6.34	2.59
		0	-2	8.02	2.58	7.83	2.64	7.64	2.69	7.45	2.74	7.25	2.80
		5	3	9.08	2.58	8.86	2.64	8.65	2.69	8.43	2.74	8.22	2.80
		7	6	9.66	2.58	9.43	2.64	9.20	2.69	8.97	2.74	8.74	2.80
		10	8	10.05	2.58	9.81	2.64	9.57	2.69	9.33	2.74	9.09	2.80
		15	10	10.53	2.50	10.28	2.56	10.03	2.61	9.78	2.66	9.53	2.71
20	15	9.66	1.91	9.43	1.95	9.20	1.99	8.97	2.03	8.74	2.07		

● Indoor unit : 7000Btu + 12000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.26	2.34	5.13	2.39	5.01	2.44	4.88	2.49	4.75	2.54
		-10	-11	6.12	2.46	5.97	2.52	5.82	2.57	5.68	2.62	5.53	2.67
		-5	-7	6.93	2.55	6.76	2.61	6.60	2.66	6.43	2.71	6.27	2.77
		0	-2	7.93	2.76	7.74	2.87	7.55	2.87	7.36	2.87	7.18	2.87
		5	3	8.98	2.76	8.77	2.87	8.55	2.87	8.34	2.87	8.13	2.87
		7	6	9.56	2.76	9.33	2.87	9.10	2.87	8.87	2.87	8.65	2.87
		10	8	9.94	2.76	9.70	2.87	9.46	2.87	9.23	2.87	8.99	2.87
		15	10	10.41	2.67	10.17	2.73	9.92	2.78	9.67	2.87	9.42	2.87
		20	15	9.56	2.04	9.33	2.08	9.10	2.12	8.87	2.17	8.65	2.21

● Indoor unit : 7000Btu + 12000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.20	5.19	2.25	5.06	2.30	4.93	2.34	4.81	2.39
		-10	-11	6.18	2.32	6.04	2.37	5.89	2.41	5.74	2.46	5.59	2.51
		-5	-7	7.00	2.40	6.84	2.45	6.67	2.50	6.50	2.55	6.34	2.60
		0	-2	8.02	2.59	7.83	2.65	7.64	2.70	7.45	2.75	7.25	2.87
		5	3	9.08	2.59	8.86	2.65	8.65	2.70	8.43	2.75	8.22	2.87
		7	6	9.66	2.59	9.43	2.65	9.20	2.70	8.97	2.75	8.74	2.87
		10	8	10.05	2.59	9.81	2.65	9.57	2.70	9.33	2.75	9.09	2.87
		15	10	10.53	2.51	10.28	2.57	10.03	2.62	9.78	2.67	9.53	2.72
		20	15	9.66	1.92	9.43	1.96	9.20	2.00	8.97	2.04	8.74	2.08

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.26	2.34	5.13	2.39	5.01	2.44	4.88	2.49	4.75	2.54
		-10	-11	6.12	2.46	5.97	2.52	5.82	2.57	5.68	2.62	5.53	2.67
		-5	-7	6.93	2.55	6.76	2.61	6.60	2.66	6.43	2.71	6.27	2.77
		0	-2	7.93	2.76	7.74	2.87	7.55	2.87	7.36	2.87	7.18	2.87
		5	3	8.98	2.76	8.77	2.87	8.55	2.87	8.34	2.87	8.13	2.87
		7	6	9.56	2.76	9.33	2.87	9.10	2.87	8.87	2.87	8.65	2.87
		10	8	9.94	2.76	9.70	2.87	9.46	2.87	9.23	2.87	8.99	2.87
		15	10	10.41	2.67	10.17	2.73	9.92	2.78	9.67	2.87	9.42	2.87
		20	15	9.56	2.04	9.33	2.08	9.10	2.12	8.87	2.17	8.65	2.21

● Indoor unit : 9000Btu + 9000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.34	5.19	2.39	5.06	2.44	4.93	2.49	4.81	2.54
		-10	-11	6.18	2.46	6.04	2.52	5.89	2.57	5.74	2.62	5.59	2.67
		-5	-7	7.00	2.55	6.84	2.61	6.67	2.66	6.50	2.71	6.34	2.77
		0	-2	8.02	2.76	7.83	2.87	7.64	2.87	7.45	2.87	7.25	2.87
		5	3	9.08	2.76	8.86	2.87	8.65	2.87	8.43	2.87	8.22	2.87
		7	6	9.66	2.76	9.43	2.87	9.20	2.87	8.97	2.87	8.74	2.87
		10	8	10.05	2.76	9.81	2.87	9.57	2.87	9.33	2.87	9.09	2.87
		15	10	10.53	2.67	10.28	2.73	10.03	2.78	9.78	2.87	9.53	2.87
		20	15	9.66	2.04	9.43	2.08	9.20	2.12	8.97	2.17	8.74	2.21

● Indoor unit : 9000Btu + 9000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.20	5.19	2.25	5.06	2.30	4.93	2.34	4.81	2.39
		-10	-11	6.18	2.32	6.04	2.37	5.89	2.41	5.74	2.46	5.59	2.51
		-5	-7	7.00	2.40	6.84	2.45	6.67	2.50	6.50	2.55	6.34	2.60
		0	-2	8.02	2.59	7.83	2.65	7.64	2.70	7.45	2.75	7.25	2.87
		5	3	9.08	2.59	8.86	2.65	8.65	2.70	8.43	2.75	8.22	2.87
		7	6	9.66	2.59	9.43	2.65	9.20	2.70	8.97	2.75	8.74	2.87
		10	8	10.05	2.59	9.81	2.65	9.57	2.70	9.33	2.75	9.09	2.87
		15	10	10.53	2.51	10.28	2.57	10.03	2.62	9.78	2.67	9.53	2.72
		20	15	9.66	1.92	9.43	1.96	9.20	2.00	8.97	2.04	8.74	2.08

● Indoor unit* : 9000Btu + 9000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.19	5.19	2.23	5.06	2.28	4.93	2.32	4.81	2.37
		-10	-11	6.18	2.30	6.04	2.35	5.89	2.40	5.74	2.44	5.59	2.49
		-5	-7	7.00	2.38	6.84	2.43	6.67	2.48	6.50	2.53	6.34	2.58
		0	-2	8.02	2.57	7.83	2.63	7.64	2.68	7.45	2.73	7.25	2.79
		5	3	9.08	2.57	8.86	2.63	8.65	2.68	8.43	2.73	8.22	2.79
		7	6	9.66	2.57	9.43	2.63	9.20	2.68	8.97	2.73	8.74	2.79
		10	8	10.05	2.57	9.81	2.63	9.57	2.68	9.33	2.73	9.09	2.79
		15	10	10.53	2.50	10.28	2.55	10.03	2.60	9.78	2.65	9.53	2.70
		20	15	9.66	1.90	9.43	1.94	9.20	1.98	8.97	2.02	8.74	2.06

* : When "AS*G18L" is connected , 9000Btu model shall be chosen at least one "Compact wall mounted type" or more.

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 12000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.29	5.19	2.33	5.06	2.38	4.93	2.43	4.81	2.48
		-10	-11	6.18	2.40	6.04	2.45	5.89	2.50	5.74	2.55	5.59	2.60
		-5	-7	7.00	2.49	6.84	2.54	6.67	2.60	6.50	2.65	6.34	2.70
		0	-2	8.02	2.69	7.83	2.74	7.64	2.80	7.45	2.87	7.25	2.87
		5	3	9.08	2.69	8.86	2.74	8.65	2.80	8.43	2.87	8.22	2.87
		7	6	9.66	2.69	9.43	2.74	9.20	2.80	8.97	2.87	8.74	2.87
		10	8	10.05	2.69	9.81	2.74	9.57	2.80	9.33	2.87	9.09	2.87
		15	10	10.53	2.61	10.28	2.66	10.03	2.72	9.78	2.77	9.53	2.87
		20	15	9.66	1.99	9.43	2.03	9.20	2.07	8.97	2.11	8.74	2.15

● Indoor unit : 9000Btu + 12000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.20	5.19	2.24	5.06	2.29	4.93	2.33	4.81	2.38
		-10	-11	6.18	2.31	6.04	2.36	5.89	2.41	5.74	2.45	5.59	2.50
		-5	-7	7.00	2.39	6.84	2.44	6.67	2.49	6.50	2.54	6.34	2.59
		0	-2	8.02	2.58	7.83	2.64	7.64	2.69	7.45	2.74	7.25	2.80
		5	3	9.08	2.58	8.86	2.64	8.65	2.69	8.43	2.74	8.22	2.80
		7	6	9.66	2.58	9.43	2.64	9.20	2.69	8.97	2.74	8.74	2.80
		10	8	10.05	2.58	9.81	2.64	9.57	2.69	9.33	2.74	9.09	2.80
		15	10	10.53	2.50	10.28	2.56	10.03	2.61	9.78	2.66	9.53	2.71
		20	15	9.66	1.91	9.43	1.95	9.20	1.99	8.97	2.03	8.74	2.07

● Indoor unit : 12000Btu + 12000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-15	-16	5.31	2.27	5.19	2.32	5.06	2.36	4.93	2.41	4.81	2.46
		-10	-11	6.18	2.39	6.04	2.44	5.89	2.49	5.74	2.54	5.59	2.59
		-5	-7	7.00	2.47	6.84	2.53	6.67	2.58	6.50	2.63	6.34	2.68
		0	-2	8.02	2.67	7.83	2.72	7.64	2.78	7.45	2.87	7.25	2.87
		5	3	9.08	2.67	8.86	2.72	8.65	2.78	8.43	2.87	8.22	2.87
		7	6	9.66	2.67	9.43	2.72	9.20	2.78	8.97	2.87	8.74	2.87
		10	8	10.05	2.67	9.81	2.72	9.57	2.78	9.33	2.87	9.09	2.87
		15	10	10.53	2.59	10.28	2.64	10.03	2.70	9.78	2.75	9.53	2.87
		20	15	9.66	1.97	9.43	2.02	9.20	2.06	8.97	2.10	8.74	2.14

TC : Total Capacity (kW)
IP : Input Power (kW)

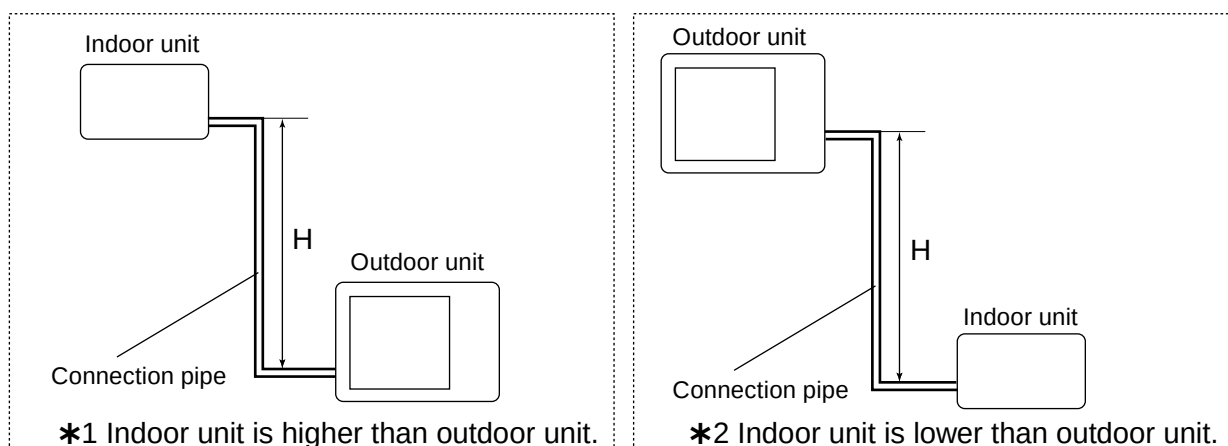
6. CAPACITY COMPENSATION RATE FOR PIPE LENGTH AND HEIGHT DEFFERENCE

■ INDOOR UNIT : 7000Btu (AO*G18L3, AO*G24L3)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.956	0.942	0.928
		10	-	-	0.977	0.963	0.950	0.936
		7.5	-	0.988	0.981	0.967	0.953	0.940
		5	0.992	0.992	0.985	0.971	0.957	0.943
	*2 Indoor unit is lower than outdoor unit	0	1.000	1.000	0.993	0.979	0.965	0.951
		-5	1.000	1.000	0.993	0.979	0.965	0.951
		-7.5	-	1.000	0.993	0.979	0.965	0.951
		-10	-	-	0.993	0.979	0.965	0.951
		-15	-	-	-	0.979	0.965	0.951

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.977	0.958	0.939
		10	-	-	0.993	0.977	0.958	0.939
		7.5	-	1.000	0.993	0.977	0.958	0.939
		5	1.000	1.000	0.993	0.977	0.958	0.939
	*2 Indoor unit is lower than outdoor unit	0	1.000	1.000	0.993	0.977	0.958	0.939
		-5	0.995	0.995	0.988	0.972	0.953	0.934
		-7.5	-	0.993	0.986	0.970	0.951	0.932
		-10	-	-	0.983	0.967	0.948	0.930
		-15	-	-	-	0.962	0.944	0.925

Height difference H

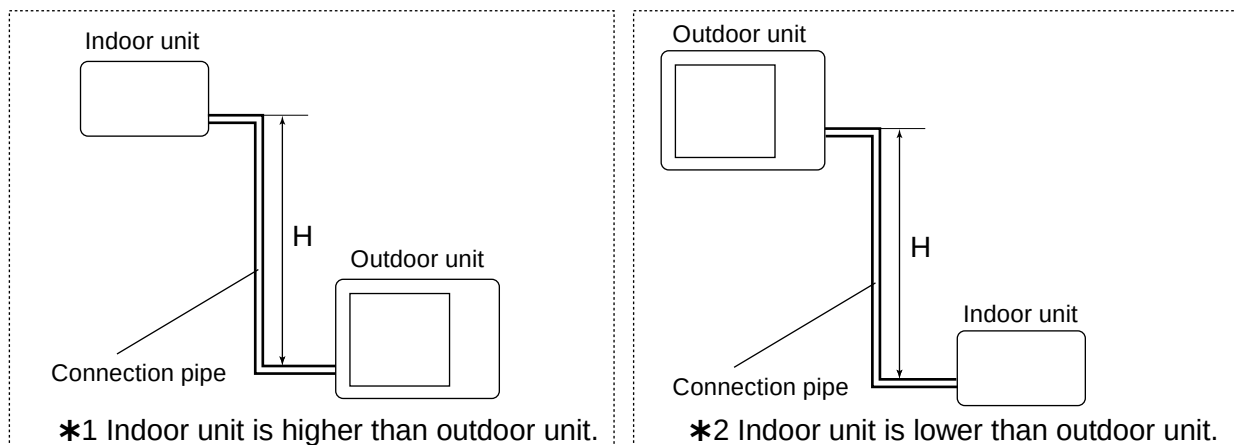


INDOOR UNIT : 9000Btu (AO*G18L3, AO*G24L3)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.956	0.942	0.928
		10	-	-	0.977	0.963	0.950	0.936
		7.5	-	0.988	0.981	0.967	0.953	0.940
		5	0.992	0.992	0.985	0.971	0.957	0.943
	*2 Indoor unit is lower than outdoor unit	0	1.000	1.000	0.993	0.979	0.965	0.951
		-5	1.000	1.000	0.993	0.979	0.965	0.951
		-7.5	-	1.000	0.993	0.979	0.965	0.951
		-10	-	-	0.993	0.979	0.965	0.951
		-15	-	-	-	0.979	0.965	0.951

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.977	0.958	0.939
		10	-	-	0.993	0.977	0.958	0.939
		7.5	-	1.000	0.993	0.977	0.958	0.939
		5	1.000	1.000	0.993	0.977	0.958	0.939
	*2 Indoor unit is lower than outdoor unit	0	1.000	1.000	0.993	0.977	0.958	0.939
		-5	0.995	0.995	0.988	0.972	0.953	0.934
		-7.5	-	0.993	0.986	0.970	0.951	0.932
		-10	-	-	0.983	0.967	0.948	0.930
		-15	-	-	-	0.962	0.944	0.925

Height difference H

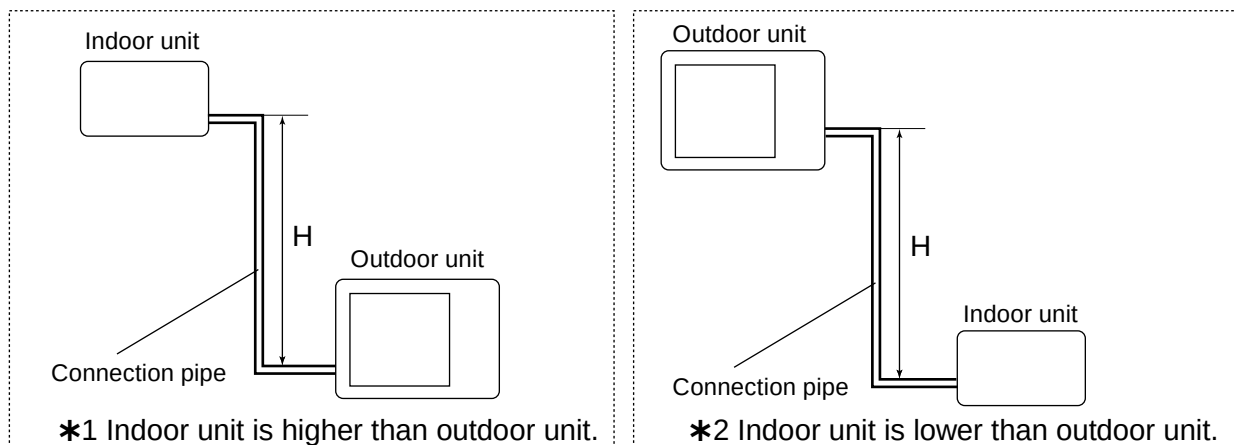


INDOOR UNIT : 12000Btu (AO*G18L3, AO*G24L3)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.933	0.899	0.859
		10	-	-	0.970	0.940	0.906	0.866
		7.5	-	0.988	0.974	0.944	0.910	0.869
		5	0.992	0.992	0.978	0.948	0.913	0.873
	*2 Indoor unit is lower than outdoor unit	0	1.000	1.000	0.986	0.956	0.921	0.880
		-5	1.000	1.000	0.986	0.956	0.921	0.880
		-7.5	-	1.000	0.986	0.956	0.921	0.880
		-10	-	-	0.986	0.956	0.921	0.880
		-15	-	-	-	0.956	0.921	0.880

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.975	0.957	0.940
		10	-	-	0.990	0.975	0.957	0.940
		7.5	-	1.000	0.990	0.975	0.957	0.940
		5	1.000	1.000	0.990	0.975	0.957	0.940
	*2 Indoor unit is lower than outdoor unit	0	1.000	1.000	0.990	0.975	0.957	0.940
		-5	0.995	0.995	0.985	0.970	0.952	0.936
		-7.5	-	0.993	0.983	0.968	0.950	0.934
		-10	-	-	0.980	0.965	0.947	0.931
		-15	-	-	-	0.960	0.943	0.926

Height difference H

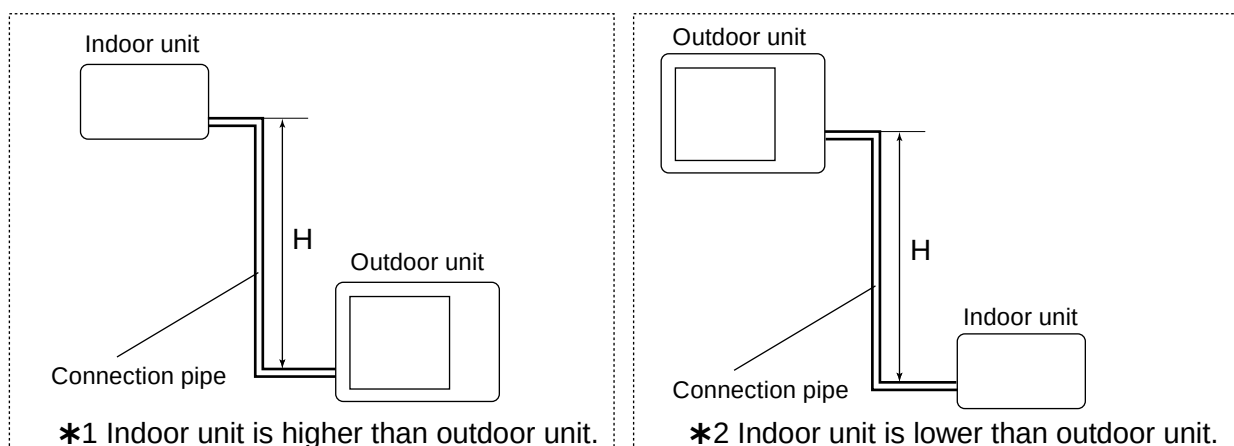


INDOOR UNIT : 14000Btu (AO*G18L3, AO*G24L3)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.969	0.962	0.953
		10	-	-	0.982	0.977	0.970	0.961
		7.5	-	0.988	0.986	0.981	0.973	0.965
		5	0.992	0.992	0.990	0.985	0.977	0.968
		0	1.000	1.000	0.998	0.993	0.985	0.976
	*2 Indoor unit is lower than outdoor unit	-5	1.000	1.000	0.998	0.993	0.985	0.976
		-7.5	-	1.000	0.998	0.993	0.985	0.976
		-10	-	-	0.998	0.993	0.985	0.976
		-15	-	-	-	0.993	0.985	0.976

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.967	0.943	0.917
		10	-	-	0.990	0.967	0.943	0.917
		7.5	-	1.000	0.990	0.967	0.943	0.917
		5	1.000	1.000	0.990	0.967	0.943	0.917
		0	1.000	1.000	0.990	0.967	0.943	0.917
	*2 Indoor unit is lower than outdoor unit	-5	0.995	0.995	0.985	0.962	0.938	0.912
		-7.5	-	0.993	0.983	0.960	0.936	0.911
		-10	-	-	0.980	0.957	0.934	0.908
		-15	-	-	-	0.952	0.929	0.903

Height difference H

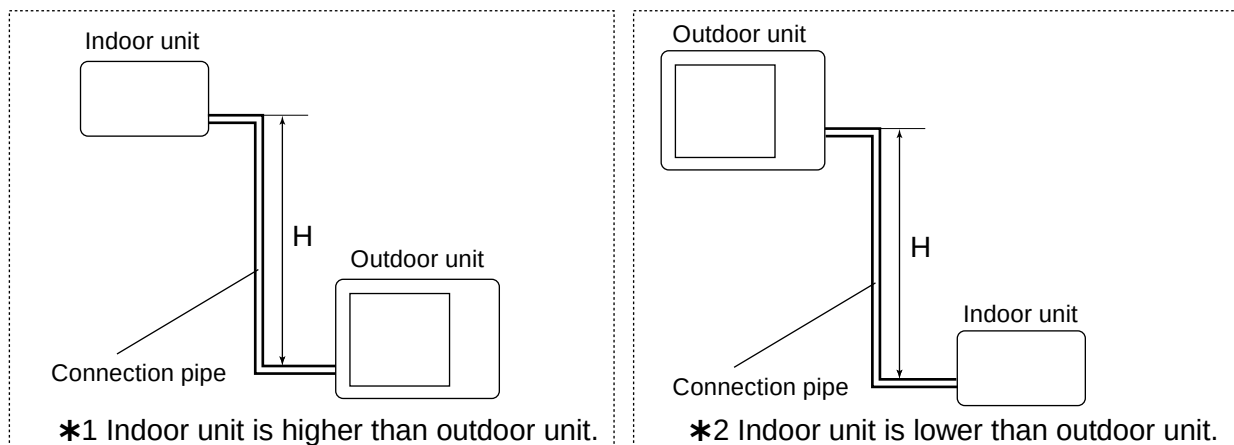


INDOOR UNIT : 18000Btu (AO*G24L3)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.977	0.968	0.953
		10	-	-	0.986	0.985	0.976	0.960
		7.5	-	0.988	0.990	0.989	0.980	0.964
		5	0.992	0.992	0.994	0.993	0.984	0.968
	*2 Indoor unit is lower than outdoor unit.	0	1.000	1.000	1.002	1.002	0.992	0.976
		-5	1.000	1.000	1.002	1.002	0.992	0.976
		-7.5	-	1.000	1.002	1.002	0.992	0.976
		-10	-	-	1.002	1.002	0.992	0.976
		-15	-	-	-	1.002	0.992	0.976

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.964	0.939	0.913
		10	-	-	0.988	0.964	0.939	0.913
		7.5	-	1.000	0.988	0.964	0.939	0.913
		5	1.000	1.000	0.988	0.964	0.939	0.913
	*2 Indoor unit is lower than outdoor unit.	0	1.000	1.000	0.988	0.964	0.939	0.913
		-5	0.995	0.995	0.983	0.959	0.934	0.908
		-7.5	-	0.993	0.981	0.957	0.932	0.907
		-10	-	-	0.978	0.954	0.930	0.904
		-15	-	-	-	0.950	0.925	0.899

Height difference H



7. ADDITIONAL CHARGE CALCULATION

■ MODEL: AO*G18L3, AO*G24L3

Refrigerant type		R410A
Refrigerant amount	g	2200

● Refrigerant charge

Total pipe length	m	30 or less	40	50 (MAX.)	20g/m
Additional charge	g	0	200	400	

OUTDOOR UNIT
AO*G18-24L3

OUTDOOR UNIT
AO*G18-24L3

8. AIR FLOW

■ MODEL: AO*G18L3

● Cooling

Number of rotations (r.p.m.)	Air flow	
730	m ³ /h	3050
	l/s	847
	CFM	1795

● Heating

Number of rotations (r.p.m.)	Air flow	
660	m ³ /h	2750
	l/s	764
	CFM	1618

■ MODEL: AO*G24L3

● Cooling

Number of rotations (r.p.m.)	Air flow	
780	m ³ /h	3300
	l/s	917
	CFM	1942

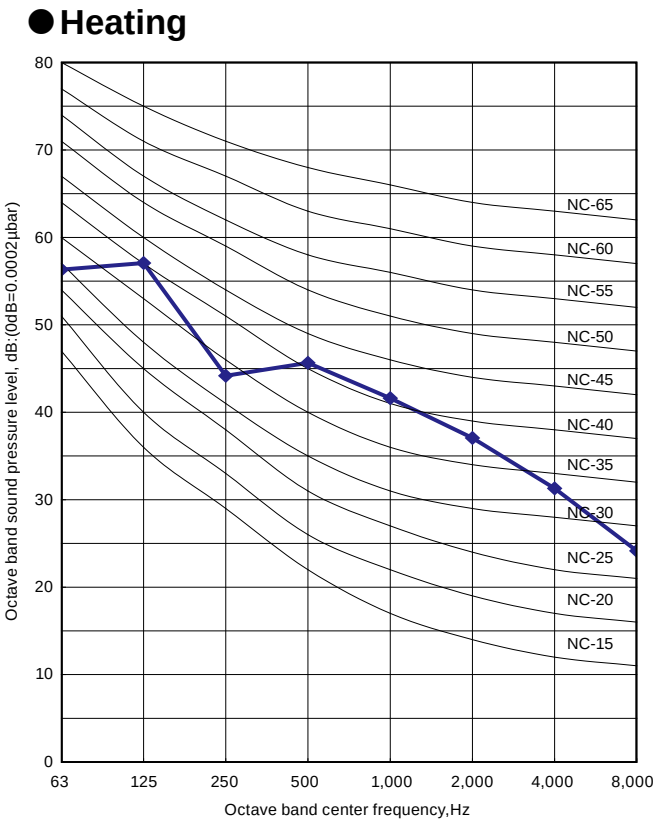
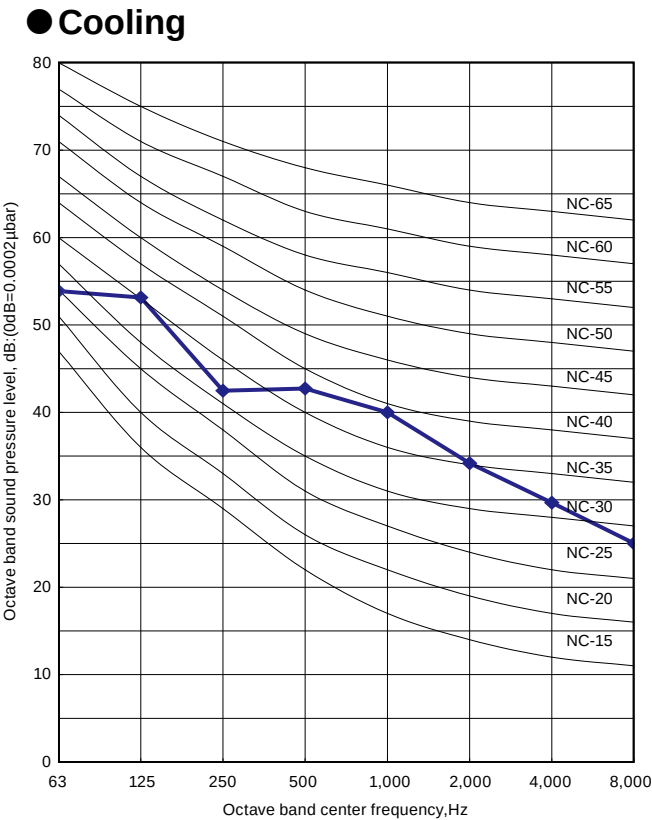
● Heating

Number of rotations (r.p.m.)	Air flow	
780	m ³ /h	3300
	l/s	917
	CFM	1942

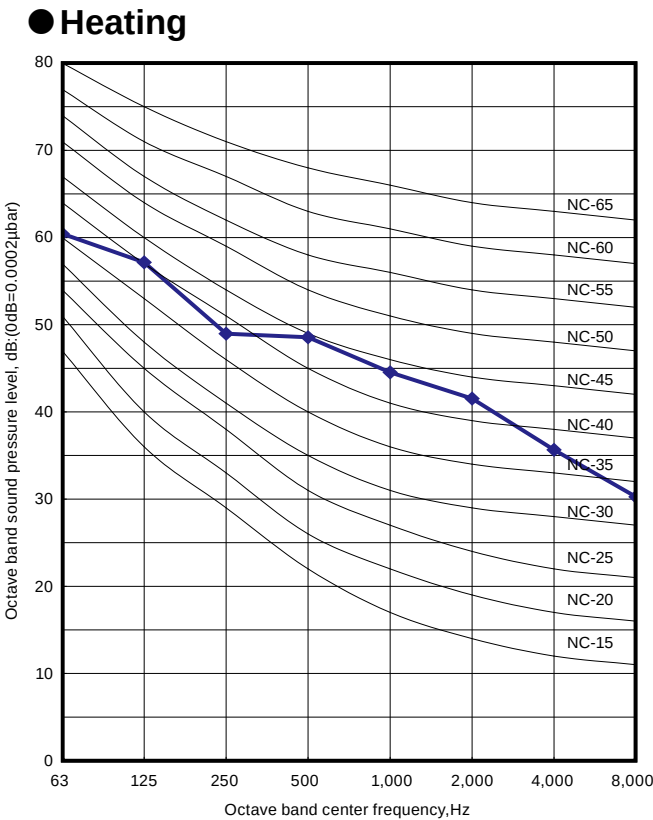
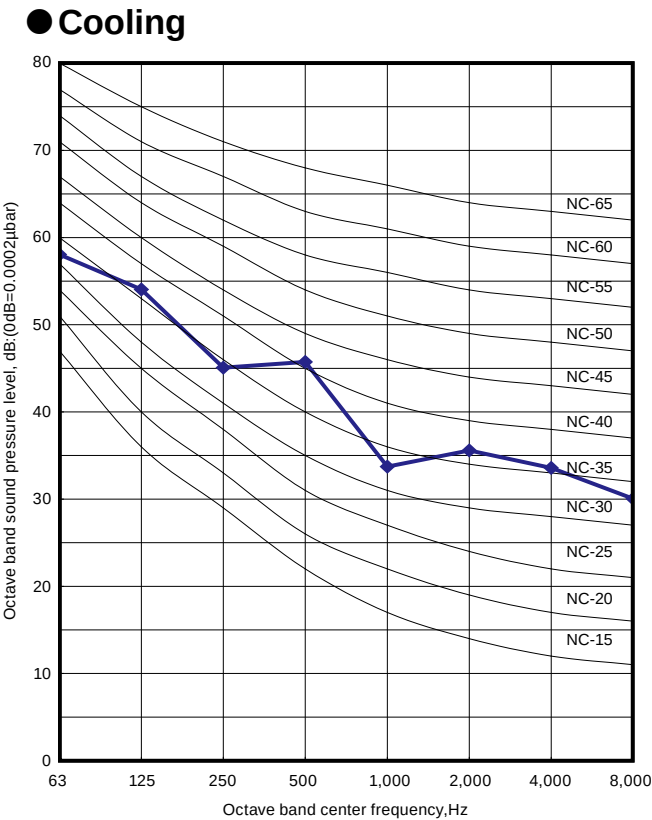
9. OPERATION NOISE (SOUND PRESSURE)

9-1. NOISE LEVEL CURVE

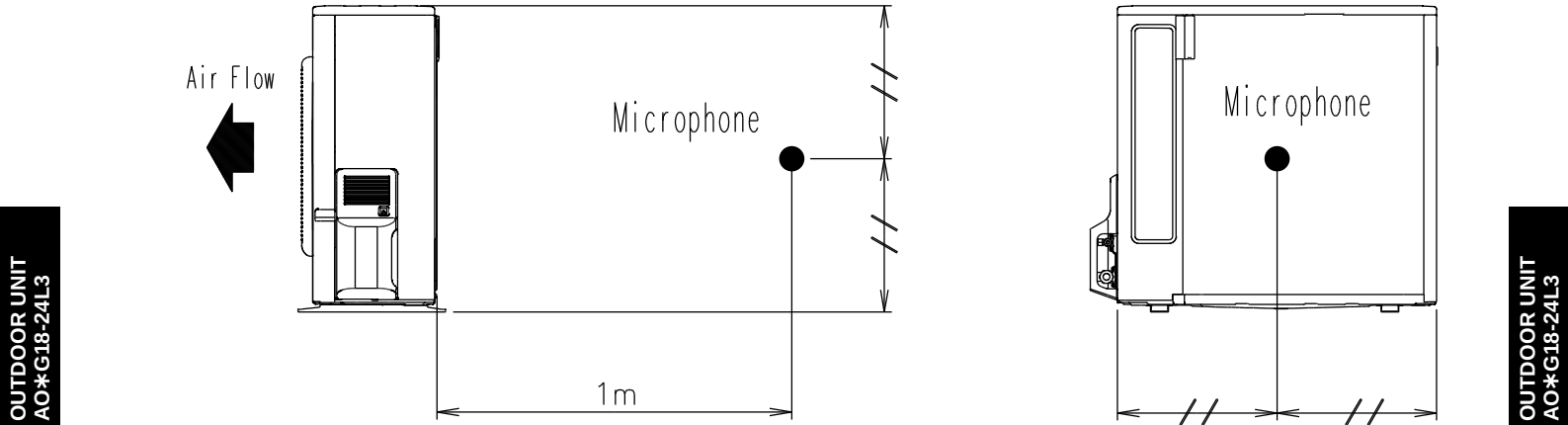
MODEL: AO*G18L3



MODEL: AO*G24L3



9-2. SOUND LEVEL CHECK POINT



10. ELECTRIC CHARACTERISTICS

Model name			AO*G18L3	AO*G24L3
Power supply	Voltage	V	230 ~	
	Frequency	Hz	50	
Max. operating current		A	9.0	12.5
Starting current		A	7.1	8.8
*1) Wiring spec.	Main fuse (Circuit breaker) current	A	25	
	Power cable	mm ²	4.0	
	*2) Limited wiring length	m	15	

*1) Wiring spec. :

Selected sample

(Selected based on Japan Electrotechnical Standard and Codes Committee E0005)

*2) Limited wiring length :

This is the wiring length in case voltage descent is less than 2%.

When the wiring length becomes long, please select the wiring of a more larger diameter.

11. SAFETY DEVICES

	Protection form	Model	
		AO*G18L3	AO*G24L3
Circuit protection	Current fuse (MAIN PCB)	5A 250V	
		3.15A 250V	
	Current fuse (NEAR THE TERMINAL TO POWER SUPPLY)	25A 250V	
	Current fuse (NEAR THE TERMINAL TO INDOOR UNIT)	10A 250V	
Fan motor protection	Thermal protector	OFF :130±20°C ON : 100±20°C	
Compressor protection	Thermal protector	OFF : 110°C ON : 80°C	
High pressure protection	Pressure switch (1)	OFF :4.2±0.10MPa ON : 3.2±0.15MPa	

*Pressure switch (2) : For control device

12. INSTALLATION PRECAUTIONS

12-1. OUTDOOR UNIT INSTALLATION PRECAUTIONS

Note: The information listed below are general precautions.
Some models also include items that do not apply.

■ PLACES WHERE USE PROHIBITED

- Places where there is the danger of combustible gas leakage
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated
- Places not affected by heat radiation from other heat sources
- Places where the air is not stagnant
- Places where machinery which generates high frequencies is used
- Ocean beaches and other areas where there is a lot of salt
- Installation in vehicles, ships, and other conveyances
- Factory, etc. where voltage fluctuations are large

■ POINTS TO REMEMBER WHEN INSTALLING

- (1) The set shall be installed at a place which can withstand the weight and vibration of the outdoor unit
- (2) To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space.

*Installation service space is shown on " INSTALLATION PLACE ".

- (3) Be careful when installing the set at the following places.

[Installation precautions]

	Contents	Countermeasures (Reference)
When installed near adjacent houses	Perform installation work so that operating sound does not disturb the neighbors.	(1) Install a soundproof barrier (2) Change the installation site
When there is the possibility of strong wind	(1) If the outdoor unit is exposed to strong wind, capacity may drop, frost may form during heating, and operation may be stopped by high pressure rise. In addition, when a very strong wind blows, the fan may be damaged. (2) When a very strong wind blows, there is the possibility of the outdoor unit being toppled over if held only by foundation bolts	(1) Install with the outlet side Keep a sufficient distance away from a facing wall or fence. (2) Make the outlet direction and wind direction perpendicular. (3) Fasten the outdoor unit using toppling prevention hardware (procured at the site).
When snow accumulates	If the outdoor unit is covered by accumulated snow, it may not be able to operate.	(1) Make the foundation as high as possible. (2) Perform snow prevention work.
When installing the inverter type	It may generate noise in TV sets, stereos and PCs.	(1) The inverter type should be installed at a sufficient distance from these equipments.

4. OUTDOOR UNIT (4 ROOMS TYPE)

**MULTI TYPE :
AO*G30LAT4**

CONTENTS

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1. SPECIFICATIONS

The following performance is a value at standard combinations.

■ STANDARD COMBINATION

AO*G30LAT4 : AS*G09LJCA + AS*G09LJCA + AS*G09LJCA + AS*G09LJCA

Type				INVERTER MULTI MODELS	
				HEAT PUMP TYPE	
Model name				AO*G30LAT4	
Power source				230V ~ 50Hz	
Available voltage range				198-264V ~ 50Hz	
Capacity	Cooling	Rated	kW	8.0	
			Btu/h	27300	
		Min. - Max.	kW	3.5 - 10.1	
			Btu/h	11940 - 34500	
	Heating	Rated	kW	9.6	
			Btu/h	32800	
Min. - Max.		kW	3.7 - 12.0		
		Btu/h	12620 - 41000		
Input power	Cooling	Rated	kW	2.22	
		Max.		3.56	
	Heating	Rated		2.40	
		Max.		3.58	
Current	Cooling	Rated	A	9.7	
Heating	10.5				
EER	Cooling	Rated	kW/kW	3.60	
COP	Heating		kW/kW	4.00	
Starting current			A	10.5	
Maximum operating current			A	15.5	
Fan	Airflow rate	Cooling	m³/h	3500	
		Heating		3300	
		Type x Q'ty		Propeller × 1	
	Motor output		W	103	
Sound pressure level		Cooling	dB(A)	50	
		Heating		51	
Heat exchanger type	Dimension (H × W × D)		mm	798 × 900 × 36.38	
	Fin pitch		mm	1.3	
	Rows x Stages		2 × 38		
	Pipe type		Copper tube		
	Fin type		Aluminium		
Compressor	Type x Q'ty		DC TWIN ROTARY × 1		
	Motor output		W	1300	
Refrigerant	Type (Global Warming Potential)		R410A (1975)		
	Charge		g	3300	
Refrigerant oil	Type			POE	
Enclosure	Material			Steel sheet	
	Colour			BEIGE (Approximate colour of MUNSELL 10YR7.5 / 1.0NN)	
Dimensions (H ×W ×D)	Net		mm	830 × 900 × 330	
	Gross			970 × 1050 × 445	
Weight	Net		kg	68	
	Gross			75	
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4 in.) × 4	
		Gas		Ø9.52 (Ø3/8 in.) × 2, *1) Ø12.70 (Ø1/2 in.) × 2	
	Method			Flare	
	Pre-charge length (Total)			50	
	Max. length (Total)			70	
	Max. length (Each)			25	
	Min. length (Total)			20	
	Min. length (Each)			5	
	Max. height difference between Outdoor Unit and each Indoor Units.			15	
Max. height difference between Indoor Units.			10		
Operation range	Cooling		°C	0 to 46	
	Heating			-10 to 24	

*1) Connect to connection valve by the adapter

Note :

Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB.and outdoor temperature of 35°CDB / 24°CWB.

Heating : Indoor temperature of 20°CDB / 15°CWB.and outdoor temperature of 7°CDB / 6°CWB.

Pipe length : 5m, Height difference : 0m. (Outdoor unit - indoor unit)

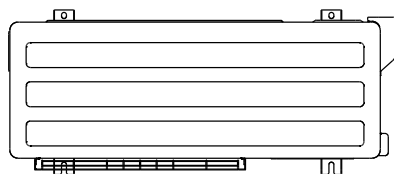
The protective function might work when using it outside the operation range.

Model name				AO*G30LAT4	
Energy efficiency class	Cooling			A++	
	Heating (Average)			A+	
Pdesign	Cooling	kW	8.0 (35°C)		
	Heating (Average)		6.2 (-10°C)		
SEER	Cooling	kWh/kWh	6.20		
SCOP	Heating (Average)		4.00		
Annual energy consumption	QCE		kWh/a	451	
	QHE (Average)			2169	
Sound power level	Cooling	High	dB (A)	68	
	Heating			70	

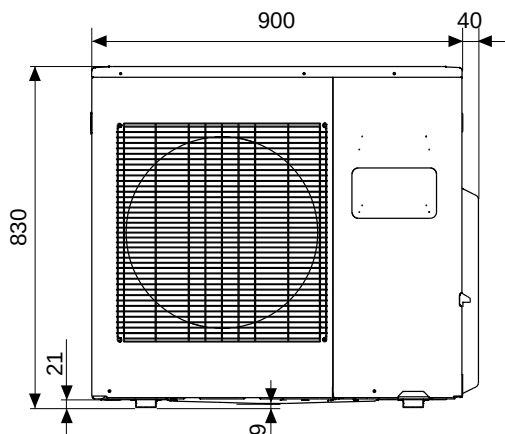
2. DIMENSIONS

■ MODEL: AO*G30L4

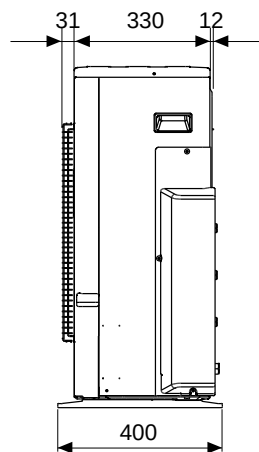
(Unit : mm)



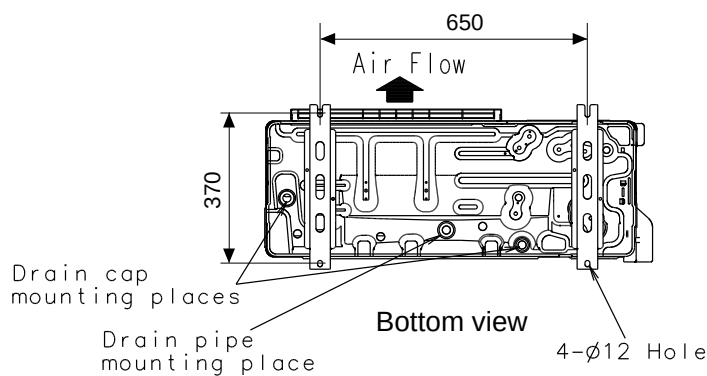
Top view



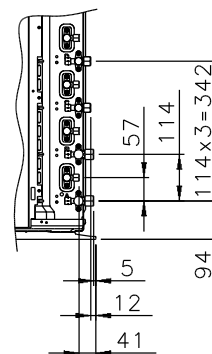
Front view



Side view

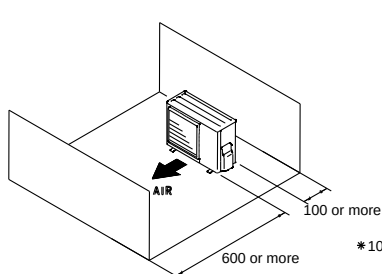


Bottom view

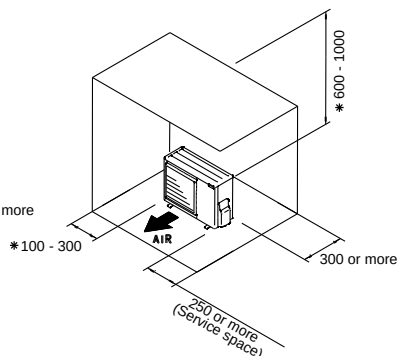


■ MOUNTING POSITION

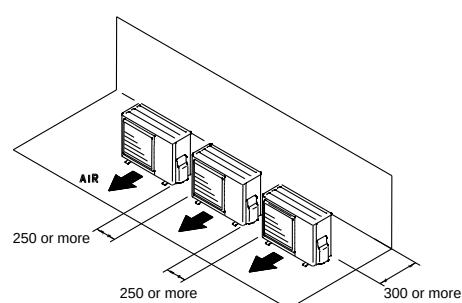
When there are obstacles at the back or front sides.



When there are obstacles at the back, side(s), and top.



When there are obstacles at the back, side with the installation of more than one unit.

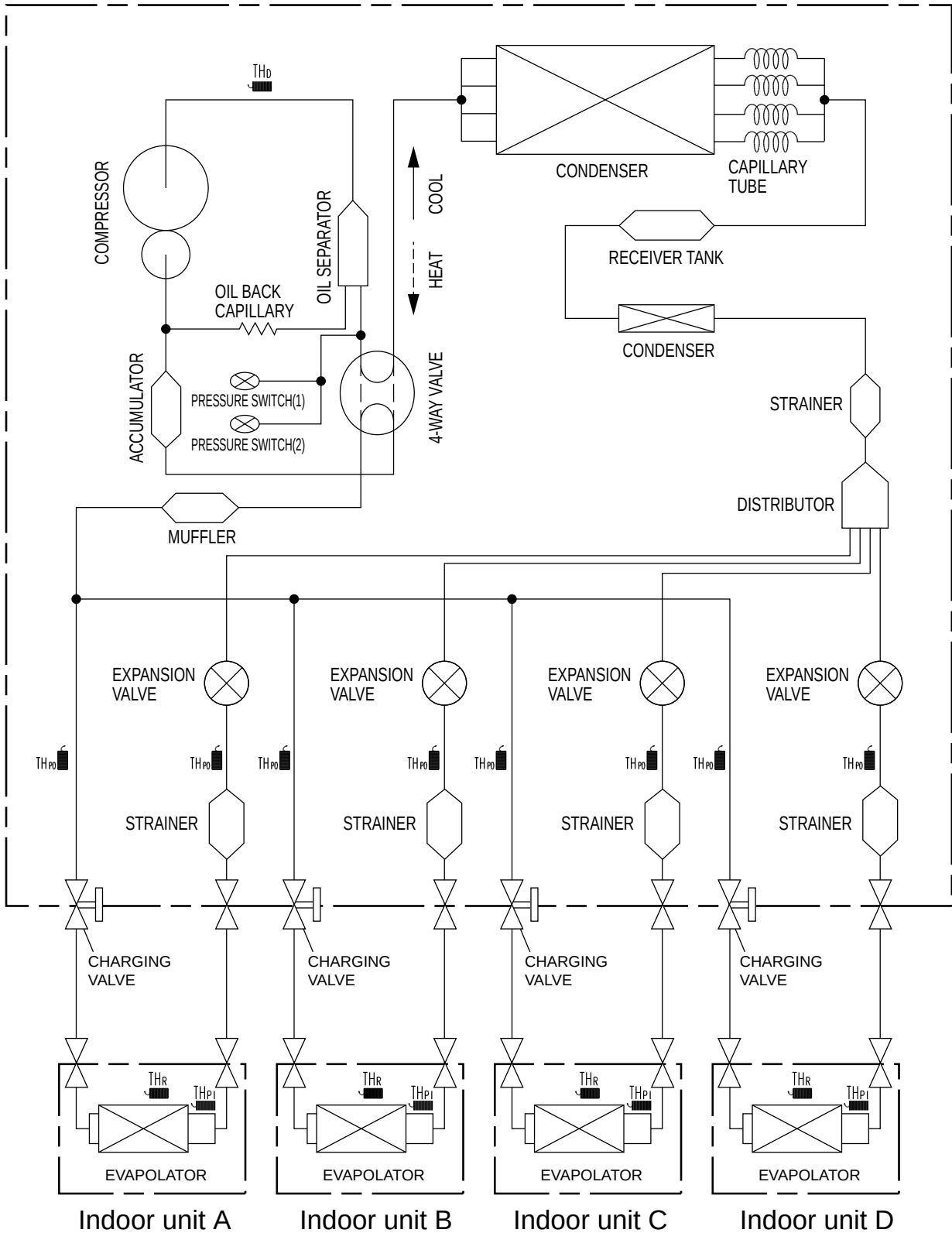


*If the space is larger that is stated, the condition will be the same as that are no obstacles.

3. REFRIGERANT CIRCUIT

■ MODEL: AO*G30L4

Outdoor unit

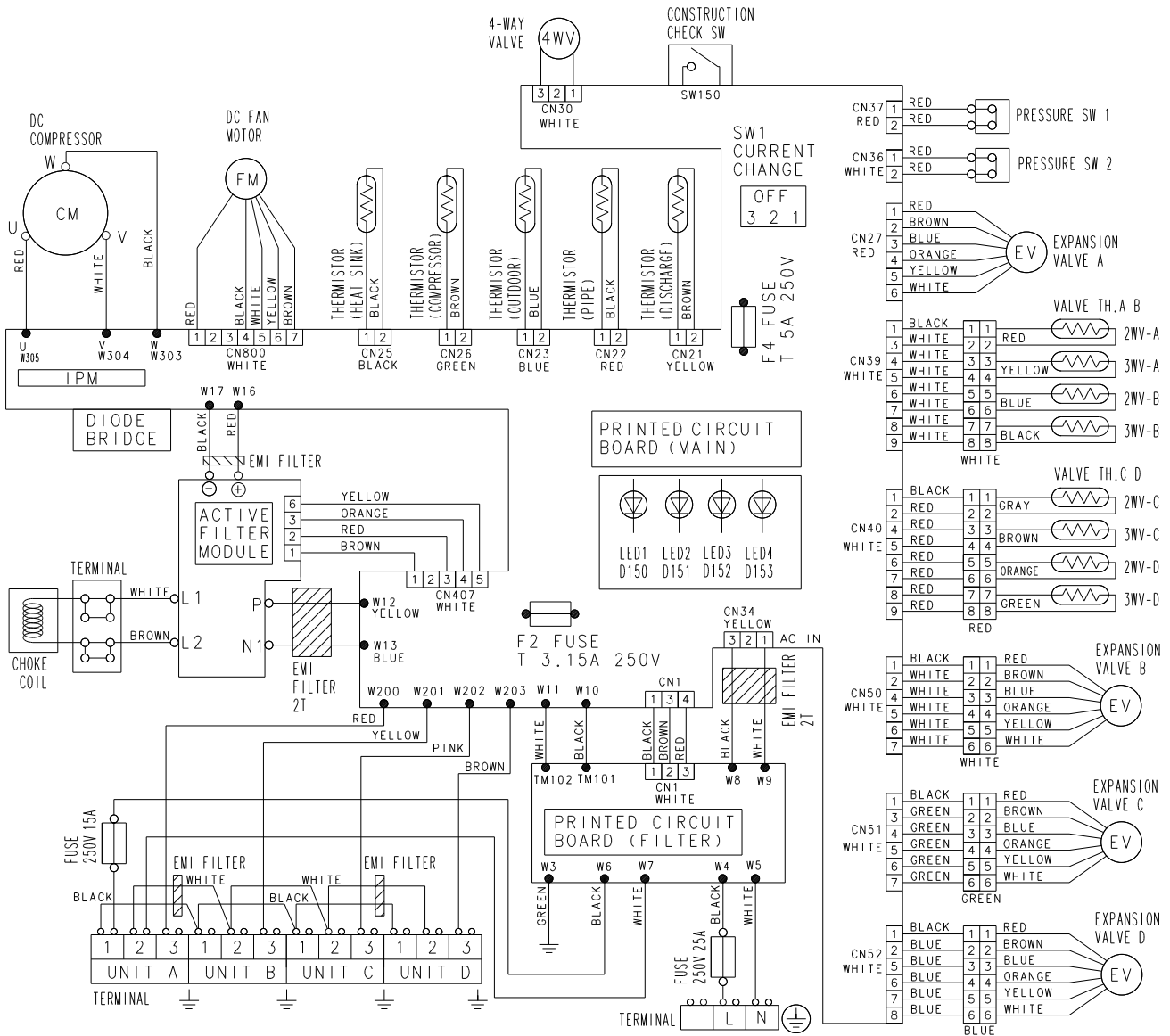


TH_R : THERMISTOR (ROOM TEMP.)
TH_{PI} : THERMISTOR (PIPE TEMP.)

TH_D : THERMISTOR (DISCHARGE TEMP.)
TH_{PO} : THERMISTOR (PIPE TEMP.)

4. WIRING DIAGRAMS

■ MODEL: AO*G30L4



OUTDOOR UNIT
AO*G30L4

OUTDOOR UNIT
AO*G30L4

5. CAPACITY TABLE

5-1. COMBINATIONS

■ MODEL: AO*G30L4

● Cooling

	Combination of indoor unit				COOLING OPERATION									
					Cooling Capacity					Input Power (min-max)	EER	Seasonal Data		
					Room 1	Room 2	Room 3	Room 4	Total Capacity (min-max)			Pdesign	SEER	Energy Efficiency Class
					KW	KW	KW	KW	KW					
3 Room	7	7	14	-	1.96	1.96	3.27	-	7.20 (1.6 - 8.9)	2.22 (0.68 - 3.43)	3.24	7.2	5.9	A+
	7	7	18	-	1.81	1.81	4.08	-	7.70 (2.8 - 10.0)	2.22 (0.98 - 3.55)	3.47	7.7	5.8	A+
	7	7	24	-	1.61	1.61	4.57	-	7.80 (2.8 - 10.1)	2.19 (0.98 - 3.53)	3.56	7.8	5.8	A+
	7	9	12	-	2.08	2.34	2.78	-	7.20 (1.6 - 8.9)	2.22 (0.68 - 3.41)	3.24	7.2	5.9	A+
	7	9	14	-	1.90	2.14	3.16	-	7.20 (2.8 - 9.1)	2.22 (0.98 - 3.56)	3.24	7.2	5.9	A+
	7	9	18	-	1.76	1.98	3.96	-	7.70 (2.8 - 9.9)	2.22 (0.98 - 3.56)	3.47	7.7	5.8	A+
	7	9	24	-	1.57	1.77	4.46	-	7.80 (2.8 - 10.1)	2.19 (0.98 - 3.53)	3.56	7.8	5.8	A+
	7	12	12	-	1.96	2.62	2.62	-	7.20 (1.6 - 9.1)	2.22 (0.68 - 3.54)	3.24	7.2	5.9	A+
	7	12	14	-	1.83	2.43	3.04	-	7.30 (2.8 - 9.2)	2.22 (0.98 - 3.56)	3.29	7.3	5.9	A+
	7	12	18	-	1.68	2.24	3.78	-	7.70 (2.8 - 9.9)	2.22 (0.98 - 3.56)	3.47	7.7	5.8	A+
	7	12	24	-	1.51	2.01	4.28	-	7.80 (2.8 - 10.1)	2.19 (0.98 - 3.56)	3.56	7.8	5.8	A+
	7	14	14	-	1.68	2.81	2.81	-	7.30 (2.8 - 9.3)	2.22 (0.98 - 3.58)	3.29	7.3	5.9	A+
	7	14	18	-	1.57	2.61	3.52	-	7.70 (3.5 - 10.0)	2.22 (1.17 - 3.58)	3.47	7.7	5.8	A+
	7	14	24	-	1.44	2.39	4.07	-	7.90 (3.5 - 10.1)	2.20 (1.17 - 3.58)	3.59	7.9	5.8	A+
	7	18	18	-	1.42	3.19	3.19	-	7.80 (3.5 - 10.1)	2.22 (1.17 - 3.58)	3.51	7.8	5.7	A+
	7	18	24	-	1.30	2.92	3.68	-	7.90 (4.7 - 10.1)	2.22 (1.27 - 3.58)	3.56	7.9	5.7	A+
	9	9	9	-	2.40	2.40	2.40	-	7.20 (2.8 - 8.9)	2.22 (0.98 - 3.42)	3.24	7.2	5.9	A+
	9	9	12	-	2.26	2.26	2.68	-	7.20 (2.8 - 9.1)	2.22 (0.98 - 3.54)	3.24	7.2	5.9	A+
	9	9	14	-	2.10	2.10	3.11	-	7.30 (2.8 - 9.2)	2.22 (0.98 - 3.57)	3.29	7.3	5.9	A+
	9	9	18	-	1.93	1.93	3.85	-	7.70 (2.8 - 9.9)	2.22 (0.98 - 3.56)	3.47	7.7	5.8	A+
	9	9	24	-	1.73	1.73	4.35	-	7.80 (2.8 - 10.1)	2.20 (1.17 - 3.54)	3.55	7.8	5.8	A+
	9	12	12	-	2.14	2.53	2.53	-	7.20 (2.8 - 9.1)	2.22 (0.98 - 3.54)	3.24	7.2	5.9	A+
	9	12	14	-	1.99	2.36	2.95	-	7.30 (2.8 - 9.2)	2.22 (0.98 - 3.57)	3.29	7.3	5.9	A+
	9	12	18	-	1.84	2.18	3.68	-	7.70 (2.8 - 9.9)	2.22 (0.98 - 3.56)	3.47	7.7	5.8	A+
	9	12	24	-	1.66	1.97	4.18	-	7.80 (2.8 - 10.1)	2.19 (0.98 - 3.56)	3.56	7.8	5.8	A+
	9	14	14	-	1.84	2.73	2.73	-	7.30 (3.5 - 9.3)	2.22 (1.17 - 3.58)	3.29	7.3	5.9	A+
	9	14	18	-	1.74	2.58	3.48	-	7.80 (3.5 - 10.0)	2.22 (1.17 - 3.58)	3.51	7.8	5.8	A+
	9	14	24	-	1.58	2.34	3.98	-	7.90 (3.5 - 10.1)	2.22 (1.27 - 3.56)	3.56	7.9	5.8	A+
	9	18	18	-	1.56	3.12	3.12	-	7.80 (4.7 - 10.1)	2.22 (1.27 - 3.58)	3.51	7.8	5.7	A+
	12	12	12	-	2.43	2.43	2.43	-	7.30 (2.8 - 9.2)	2.22 (0.98 - 3.55)	3.29	7.3	5.9	A+
	12	12	14	-	2.28	2.28	2.85	-	7.40 (2.8 - 9.3)	2.22 (0.98 - 3.58)	3.33	7.4	5.9	A+
	12	12	18	-	2.12	2.12	3.57	-	7.80 (3.5 - 10.0)	2.22 (1.17 - 3.57)	3.51	7.8	5.8	A+
	12	12	24	-	1.92	1.92	4.07	-	7.90 (3.5 - 10.1)	2.20 (1.17 - 3.54)	3.59	7.9	5.8	A+
	12	14	14	-	2.11	2.64	2.64	-	7.40 (3.5 - 9.4)	2.22 (1.17 - 3.58)	3.33	7.4	5.9	A+
	12	14	18	-	1.98	2.48	3.34	-	7.80 (3.5 - 10.1)	2.22 (1.17 - 3.58)	3.51	7.8	5.8	A+
	12	18	18	-	1.81	3.05	3.05	-	7.90 (4.7 - 10.1)	2.22 (1.27 - 3.58)	3.56	7.9	5.7	A+

Notes:

- 7:7000Btu/h, 9:9000Btu/h, 12:12000Btu/h, 14:14000Btu/h, 18:18000Btu/h, 24:24000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 3 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB /19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 49000 Btu from 27000 Btu.

	Combination of indoor unit				COOLING OPERATION									
					Cooling Capacity					Input Power (min-max)	EER	Seasonal Data		
					Room 1	Room 2	Room 3	Room 4	Total Capacity (min-max)			Pdesign	SEER	Energy Efficiency Class
					KW	KW	KW	KW	KW					
4 Room	7	7	7	7	1.93	1.93	1.93	1.93	7.70 (1.6 - 9.6)	2.20 (0.68 - 3.41)	3.50	7.7	6.2	A++
	7	7	7	9	1.89	1.89	1.89	2.13	7.80 (1.6 - 9.8)	2.22 (0.68 - 3.54)	3.51	7.8	6.2	A++
	7	7	7	12	1.83	1.83	1.83	2.41	7.90 (1.6 - 9.9)	2.22 (0.68 - 3.54)	3.56	7.9	6.1	A++
	7	7	7	14	1.70	1.70	1.70	2.80	7.90 (2.8 - 9.9)	2.22 (0.98 - 3.56)	3.56	7.9	6.1	A++
	7	7	7	18	1.52	1.52	1.52	3.43	8.00 (2.8 - 10.1)	2.20 (0.98 - 3.55)	3.64	8.0	6.0	A+
	7	7	9	9	1.86	1.86	2.09	2.09	7.90 (2.8 - 9.7)	2.22 (0.98 - 3.42)	3.56	7.9	6.2	A++
	7	7	9	12	1.78	1.78	1.99	2.35	7.90 (2.8 - 9.9)	2.22 (0.98 - 3.55)	3.56	7.9	6.1	A++
	7	7	9	14	1.68	1.68	1.88	2.76	8.00 (2.8 - 10.0)	2.22 (0.98 - 3.57)	3.60	8.0	6.1	A++
	7	7	9	18	1.49	1.49	1.67	3.35	8.00 (3.5 - 10.1)	2.20 (1.17 - 3.55)	3.64	8.0	6.0	A+
	7	7	12	12	1.72	1.72	2.28	2.28	8.00 (2.8 - 10.0)	2.22 (0.98 - 3.55)	3.60	8.0	6.1	A++
	7	7	12	14	1.61	1.61	2.13	2.65	8.00 (2.8 - 10.0)	2.22 (0.98 - 3.57)	3.60	8.0	6.1	A++
	7	7	12	18	1.43	1.43	1.91	3.22	8.00 (3.5 - 10.1)	2.20 (1.17 - 3.56)	3.64	8.0	6.0	A+
	7	7	14	14	1.50	1.50	2.50	2.50	8.00 (3.5 - 10.1)	2.22 (1.17 - 3.58)	3.60	8.0	6.0	A+
	7	7	14	18	1.35	1.35	2.25	3.04	8.00 (3.5 - 10.1)	2.22 (1.17 - 3.58)	3.60	8.0	6.0	A+
	7	9	9	9	1.81	2.03	2.03	2.03	7.90 (2.8 - 9.9)	2.22 (0.98 - 3.56)	3.56	7.9	6.2	A++
	7	9	9	12	1.76	1.96	1.96	2.32	8.00 (2.8 - 10.0)	2.22 (0.98 - 3.56)	3.60	8.0	6.1	A++
	7	9	9	14	1.64	1.83	1.83	2.70	8.00 (3.5 - 10.1)	2.22 (1.17 - 3.58)	3.60	8.0	6.1	A++
	7	9	9	18	1.45	1.64	1.64	3.27	8.00 (3.5 - 10.1)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	7	9	12	12	1.68	1.88	2.22	2.22	8.00 (2.8 - 10.0)	2.22 (0.98 - 3.56)	3.60	8.0	6.1	A++
	7	9	12	14	1.57	1.76	2.08	2.59	8.00 (3.5 - 10.1)	2.22 (1.17 - 3.58)	3.60	8.0	6.0	A+
	7	9	12	18	1.40	1.58	1.87	3.15	8.00 (3.5 - 10.1)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	7	9	14	14	1.48	1.66	2.43	2.43	8.00 (3.5 - 10.1)	2.22 (1.17 - 3.58)	3.60	8.0	6.0	A+
	7	9	14	18	1.32	1.49	2.21	2.98	8.00 (4.7 - 10.1)	2.22 (1.27 - 3.57)	3.60	8.0	6.0	A+
	7	12	12	12	1.61	2.13	2.13	2.13	8.00 (2.8 - 10.1)	2.22 (0.98 - 3.56)	3.60	8.0	6.0	A+
	7	12	12	14	1.51	2.00	2.00	2.49	8.00 (3.5 - 10.1)	2.22 (1.17 - 3.58)	3.60	8.0	6.0	A+
	7	12	12	18	1.35	1.80	1.80	3.04	8.00 (3.5 - 10.1)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	7	12	14	14	1.41	1.89	2.35	2.35	8.00 (3.5 - 10.1)	2.22 (1.17 - 3.58)	3.60	8.0	6.0	A+
	9	9	9	9	2.00	2.00	2.00	2.00	8.00 (3.5 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.2	A++
	9	9	9	12	1.91	1.91	1.91	2.27	8.00 (3.5 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.1	A++
	9	9	9	14	1.79	1.79	1.79	2.63	8.00 (3.5 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	9	9	9	18*1	1.60	1.60	1.60	3.20	8.00 (4.7 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	9	9	12	12	1.83	1.83	2.17	2.17	8.00 (3.5 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	9	9	12	14	1.72	1.72	2.03	2.53	8.00 (3.5 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	9	9	12	18*2	1.54	1.54	1.83	3.09	8.00 (4.7 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	9	9	14	14	1.62	1.62	2.38	2.38	8.00 (4.7 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	9	12	12	12	1.76	2.08	2.08	2.08	8.00 (3.5 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	9	12	12	14	1.66	1.95	1.95	2.44	8.00 (3.5 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	9	12	14	14	1.55	1.85	2.30	2.30	8.00 (4.7 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+
	12	12	12	12	2.00	2.00	2.00	2.00	8.00 (3.5 - 10.0)	2.22 (1.17 - 3.56)	3.60	8.0	6.0	A+

Notes:

- 7:7000Btu/h, 9:9000Btu/h, 12:12000Btu/h, 14:14000Btu/h, 18:18000Btu/h, 24:24000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 3 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB /19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 49000 Btu from 27000 Btu.
- *1: Connection of "AR*G09L+AR*G09L+AR*G09L+AS*G18L " is not available. All types other than this combination can be connected.
- *2: Connection of "AR*G09L+AR*G09L+AR*G12L+AS*G18L " is not available. All types other than this combination can be connected.

● Heating

	Combination of indoor unit				HEATING OPERATION									
					Heating Capacity					Input Power (min-max)	COP	Seasonal Data		
					Room 1	Room 2	Room 3	Room 4	Total Capacity (min-max)			Pdesign	SCOP	Energy Efficiency Class
					KW	KW	KW	KW	KW					
3 Room	7	7	14	-	2.42	2.42	4.15	-	9.00 (1.8 - 10.1)	2.66 (0.58 - 3.53)	3.38	5.8	3.8	A
	7	7	18	-	2.27	2.27	4.86	-	9.40 (3.3 - 11.2)	2.46 (0.87 - 3.52)	3.82	5.8	3.8	A
	7	7	24	-	2.03	2.03	5.44	-	9.50 (3.3 - 11.5)	2.47 (0.87 - 3.52)	3.85	5.8	3.8	A
	7	9	12	-	2.49	2.94	3.56	-	9.00 (1.8 - 10.0)	2.69 (0.58 - 3.51)	3.35	5.8	3.8	A
	7	9	14	-	2.33	2.75	4.00	-	9.10 (3.3 - 10.2)	2.64 (0.87 - 3.50)	3.45	5.8	3.8	A
	7	9	18	-	2.17	2.56	4.66	-	9.40 (3.3 - 11.3)	2.45 (0.87 - 3.50)	3.84	5.8	3.8	A
	7	9	24	-	1.98	2.33	5.29	-	9.60 (3.3 - 11.5)	2.46 (0.87 - 3.51)	3.90	5.8	3.8	A
	7	12	12	-	2.33	3.33	3.33	-	9.00 (1.8 - 10.1)	2.66 (0.58 - 3.48)	3.38	5.8	3.8	A
	7	12	14	-	2.22	3.17	3.80	-	9.20 (3.3 - 10.3)	2.62 (0.87 - 3.48)	3.51	5.8	3.8	A
	7	12	18	-	2.08	2.97	4.45	-	9.50 (3.3 - 11.4)	2.44 (0.87 - 3.47)	3.89	5.8	3.8	A
	7	12	24	-	1.88	2.69	5.03	-	9.60 (3.3 - 11.7)	2.45 (0.87 - 3.56)	3.92	5.8	3.8	A
	7	14	14	-	2.10	3.60	3.60	-	9.30 (3.3 - 10.6)	2.59 (0.87 - 3.48)	3.59	5.8	3.8	A
	7	14	18	-	1.96	3.35	4.19	-	9.50 (3.7 - 11.5)	2.42 (0.97 - 3.52)	3.93	5.8	3.8	A
	7	14	24	-	1.78	3.05	4.77	-	9.60 (3.3 - 11.7)	2.45 (0.87 - 3.56)	3.92	5.8	3.8	A
	7	18	18	-	1.82	3.89	3.89	-	9.60 (3.7 - 12.0)	2.40 (0.97 - 3.52)	4.00	5.8	3.8	A
	7	18	24	-	1.65	3.53	4.42	-	9.60 (4.3 - 12.0)	2.40 (1.12 - 3.52)	4.00	5.8	3.8	A
	9	9	9	-	3.00	3.00	3.00	-	9.00 (3.3 - 10.0)	2.69 (0.87 - 3.51)	3.35	5.8	3.8	A
	9	9	12	-	2.80	2.80	3.39	-	9.00 (3.3 - 10.1)	2.67 (0.87 - 3.48)	3.37	5.8	3.8	A
	9	9	14	-	2.66	2.66	3.87	-	9.20 (3.3 - 10.3)	2.63 (0.87 - 3.48)	3.50	5.8	3.8	A
	9	9	18	-	2.49	2.49	4.52	-	9.50 (3.7 - 11.4)	2.44 (0.97 - 3.48)	3.89	5.8	3.8	A
	9	9	24	-	2.25	2.25	5.11	-	9.60 (3.7 - 11.7)	2.45 (0.97 - 3.57)	3.92	5.8	3.8	A
	9	12	12	-	2.65	3.22	3.22	-	9.10 (3.3 - 10.3)	2.65 (0.87 - 3.52)	3.43	5.8	3.8	A
	9	12	14	-	2.53	3.07	3.69	-	9.30 (3.3 - 10.5)	2.61 (0.87 - 3.52)	3.56	5.8	3.8	A
	9	12	18	-	2.36	2.86	4.29	-	9.50 (3.7 - 11.4)	2.43 (0.97 - 3.47)	3.91	5.8	3.8	A
	9	12	24	-	2.14	2.59	4.86	-	9.60 (3.7 - 11.8)	2.44 (0.97 - 3.55)	3.93	5.8	3.8	A
	9	14	14	-	2.38	3.46	3.46	-	9.30 (3.7 - 10.7)	2.58 (0.97 - 3.46)	3.60	5.8	3.8	A
	9	14	18	-	2.22	3.23	4.04	-	9.50 (3.7 - 11.6)	2.41 (0.97 - 3.51)	3.94	5.8	3.8	A
	9	14	24	-	2.03	2.95	4.62	-	9.60 (4.3 - 11.9)	2.42 (1.12 - 3.57)	3.97	5.8	3.8	A
	9	18	18	-	2.07	3.76	3.76	-	9.60 (4.3 - 12.0)	2.40 (1.12 - 3.52)	4.00	5.8	3.8	A
	12	12	12	-	3.07	3.07	3.07	-	9.20 (3.3 - 10.3)	2.63 (0.87 - 3.49)	3.50	5.8	3.8	A
	12	12	14	-	2.91	2.91	3.49	-	9.30 (3.3 - 10.6)	2.59 (0.87 - 3.49)	3.59	5.8	3.8	A
	12	12	18	-	2.71	2.71	4.07	-	9.50 (3.7 - 11.6)	2.42 (0.97 - 3.52)	3.93	5.8	3.8	A
	12	12	24	-	2.48	2.48	4.65	-	9.60 (3.7 - 11.8)	2.43 (0.97 - 3.54)	3.95	5.8	3.8	A
	12	14	14	-	2.76	3.32	3.32	-	9.40 (3.7 - 10.8)	2.40 (0.97 - 3.50)	3.92	5.8	3.8	A
	12	14	18	-	2.57	3.08	3.85	-	9.50 (3.7 - 11.6)	2.40 (0.97 - 3.49)	3.96	5.8	3.8	A
	12	18	18	-	2.40	3.60	3.60	-	9.60 (4.3 - 12.0)	2.40 (1.12 - 3.52)	4.00	5.8	3.8	A

Notes:

- 7:7000Btu/h, 9:9000Btu/h, 12:12000Btu/h, 14:14000Btu/h, 18:18000Btu/h, 24:24000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 3 or more indoor units should be connected.
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB/6 °CWB (outdoor temperature).
- Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 49000 Btu from 27000 Btu.

	Combination of indoor unit				HEATING OPERATION									
					Heating Capacity					Input Power (min-max)	COP	Seasonal Data		
					Room 1	Room 2	Room 3	Room 4	Total Capacity (min-max)			Pdesign kW	SCOP	Energy Efficiency Class
					KW	KW	KW	KW	KW					
4 Room	7	7	7	7	2.35	2.35	2.35	2.35	9.40 (1.8 - 10.8)	2.43 (0.58 - 3.47)	3.87	6.2	4.0	A+
	7	7	7	9	2.27	2.27	2.27	2.68	9.50 (1.8 - 10.9)	2.42 (0.58 - 3.51)	3.88	6.2	4.0	A+
	7	7	7	12	2.14	2.14	2.14	3.06	9.50 (1.8 - 11.1)	2.41 (0.58 - 3.55)	3.94	6.2	4.0	A+
	7	7	7	14	2.04	2.04	2.04	3.49	9.60 (3.3 - 11.3)	2.38 (0.87 - 3.56)	4.03	6.2	4.0	A+
	7	7	7	18	1.87	1.87	1.87	4.00	9.60 (3.3 - 12.0)	2.27 (0.87 - 3.56)	4.23	6.2	4.0	A+
	7	7	9	9	2.18	2.18	2.57	2.57	9.50 (3.3 - 10.9)	2.41 (0.87 - 3.44)	3.94	6.2	4.0	A+
	7	7	9	12	2.06	2.06	2.43	2.95	9.50 (3.3 - 11.1)	2.40 (0.87 - 3.54)	3.96	6.2	4.0	A+
	7	7	9	14	1.96	1.96	2.31	3.36	9.60 (3.3 - 11.4)	2.38 (0.87 - 3.54)	4.03	6.2	4.0	A+
	7	7	9	18	1.80	1.80	2.13	3.87	9.60 (3.7 - 12.0)	2.27 (0.97 - 3.55)	4.23	6.2	4.0	A+
	7	7	12	12	1.98	1.98	2.82	2.82	9.60 (3.3 - 11.3)	2.39 (0.87 - 3.57)	4.02	6.2	4.0	A+
	7	7	12	14	1.87	1.87	2.67	3.20	9.60 (3.3 - 11.5)	2.36 (0.87 - 3.58)	4.07	6.2	4.0	A+
	7	7	12	18	1.72	1.72	2.46	3.69	9.60 (3.7 - 12.0)	2.27 (0.97 - 3.58)	4.23	6.2	4.0	A+
	7	7	14	14	1.77	1.77	3.03	3.03	9.60 (3.7 - 11.8)	2.34 (0.97 - 3.58)	4.10	6.2	4.0	A+
	7	7	14	18	1.64	1.64	2.81	3.51	9.60 (3.7 - 12.0)	2.27 (0.97 - 3.56)	4.23	6.2	4.0	A+
	7	9	9	9	2.09	2.47	2.47	2.47	9.50 (3.3 - 11.2)	2.40 (0.87 - 3.54)	4.00	6.2	4.0	A+
	7	9	9	12	2.01	2.36	2.36	2.87	9.60 (3.3 - 11.3)	2.39 (0.87 - 3.58)	4.02	6.2	4.0	A+
	7	9	9	14	1.89	2.23	2.23	3.25	9.60 (3.7 - 11.5)	2.37 (0.97 - 3.58)	4.05	6.2	4.0	A+
	7	9	9	18	1.75	2.06	2.06	3.74	9.60 (3.7 - 12.0)	2.27 (0.97 - 3.58)	4.23	6.2	4.0	A+
	7	9	12	12	1.91	2.25	2.72	2.72	9.60 (3.3 - 11.4)	2.38 (0.87 - 3.58)	4.03	6.2	4.0	A+
	7	9	12	14	1.80	2.13	2.58	3.09	9.60 (3.7 - 11.6)	2.35 (0.97 - 3.58)	4.09	6.2	4.0	A+
	7	9	12	18	1.67	1.97	2.39	3.58	9.60 (3.7 - 12.0)	2.27 (0.97 - 3.58)	4.23	6.2	4.0	A+
	7	9	14	14	1.71	2.02	2.94	2.94	9.60 (3.7 - 11.8)	2.33 (0.97 - 3.58)	4.12	6.2	4.0	A+
	7	9	14	18	1.59	1.87	2.73	3.41	9.60 (4.3 - 12.0)	2.27 (1.12 - 3.58)	4.23	6.2	4.0	A+
	7	12	12	12	1.81	2.59	2.59	2.59	9.60 (3.3 - 11.5)	2.37 (0.87 - 3.58)	4.05	6.2	4.0	A+
	7	12	12	14	1.72	2.46	2.46	2.95	9.60 (3.7 - 11.7)	2.34 (0.97 - 3.58)	4.10	6.2	4.0	A+
	7	12	12	18	1.60	2.29	2.29	3.43	9.60 (3.7 - 12.0)	2.27 (0.97 - 3.56)	4.23	6.2	4.0	A+
	7	12	14	14	1.64	2.34	2.81	2.81	9.60 (3.7 - 11.9)	2.32 (0.97 - 3.58)	4.14	6.2	4.0	A+
	9	9	9	9	2.40	2.40	2.40	2.40	9.60 (3.7 - 11.3)	2.40 (0.97 - 3.58)	4.00	6.2	4.0	A+
	9	9	9	12	2.28	2.28	2.28	2.76	9.60 (3.7 - 11.4)	2.38 (0.97 - 3.58)	4.03	6.2	4.0	A+
	9	9	9	14	2.16	2.16	2.16	3.14	9.60 (3.7 - 11.6)	2.36 (0.97 - 3.58)	4.07	6.2	4.0	A+
	9	9	9	18*1	1.99	1.99	1.99	3.62	9.60 (4.3 - 12.0)	2.27 (1.12 - 3.58)	4.23	6.2	4.0	A+
	9	9	12	12	2.17	2.17	2.63	2.63	9.60 (3.7 - 11.5)	2.37 (0.97 - 3.58)	4.05	6.2	4.0	A+
	9	9	12	14	2.06	2.06	2.49	2.99	9.60 (3.7 - 11.7)	2.35 (0.97 - 3.58)	4.09	6.2	4.0	A+
	9	9	12	18*2	1.91	1.91	2.31	3.47	9.60 (4.3 - 12.0)	2.27 (1.12 - 3.58)	4.23	6.2	4.0	A+
	9	9	14	14	1.96	1.96	2.84	2.84	9.60 (4.3 - 11.9)	2.33 (1.12 - 3.58)	4.12	6.2	4.0	A+
	9	12	12	12	2.07	2.51	2.51	2.51	9.60 (3.7 - 11.6)	2.36 (0.97 - 3.58)	4.07	6.2	4.0	A+
	9	12	12	14	1.97	2.39	2.39	2.87	9.60 (3.7 - 11.8)	2.34 (0.97 - 3.58)	4.10	6.2	4.0	A+
	9	12	14	14	1.87	2.27	2.73	2.73	9.60 (4.3 - 11.9)	2.31 (1.12 - 3.58)	4.16	6.2	4.0	A+
	12	12	12	12	2.40	2.40	2.40	2.40	9.60 (3.7 - 11.6)	2.35 (0.97 - 3.58)	4.09	6.2	4.0	A+

Notes:

- 7:7000Btu/h, 9:9000Btu/h, 12:12000Btu/h, 14:14000Btu/h, 18:18000Btu/h, 24:24000Btu/h models.
- The above is the value for connecting with Wall Mounted type.
- 3 or more indoor units should be connected.
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB/6 °CWB (outdoor temperature).
- Pipe length : 5m, Height difference : 0m. (Outdoor unit to indoor unit)
- The total ability of connected a indoor unit is up to 49000 Btu from 27000 Btu.
- *1: Connection of "AR*G09L+AR*G09L+AR*G09L+AS*G18L " is not available. All types other than this combination can be connected.
- *2: Connection of "AR*G09L+AR*G09L+AR*G12L+AS*G18L " is not available. All types other than this combination can be connected.

5-2. COOLING CAPACITY

This table is created using the maximum capacity.

Note: 3 or more indoor units should be connected.

■ **MODEL: AO*G30L4**

● Indoor unit : 7000Btu

		Indoor temperature																								
		°CDB		18°CDB		21°CDB		23°CDB		25°CDB		27°CDB		29°CDB		30°CDB		32°CDB								
		°CWB		12°CWB		15°CWB		16°CWB		18°CWB		19°CWB		21°CWB		22°CWB		23°CWB								
7	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP			
		0	2.69	1.86	0.38	3.00	1.87	0.38	3.10	2.04	0.38	3.30	2.04	0.39	3.40	2.21	0.39	3.61	2.20	0.39	3.71	2.20	0.40	3.81	2.34	0.40
		5	2.59	1.82	0.46	2.89	1.83	0.47	2.99	1.99	0.47	3.18	1.99	0.47	3.28	2.15	0.48	3.48	2.14	0.48	3.58	2.14	0.48	3.68	2.28	0.49
		10	2.42	1.73	0.56	2.70	1.74	0.57	2.79	1.89	0.57	2.97	1.90	0.58	3.06	2.05	0.58	3.25	2.04	0.59	3.34	2.04	0.59	3.43	2.18	0.59
		15	2.29	1.67	0.65	2.56	1.68	0.66	2.64	1.83	0.67	2.82	1.83	0.68	2.90	1.98	0.68	3.08	1.97	0.69	3.17	1.97	0.69	3.25	2.10	0.69
		20	2.14	1.60	0.60	2.39	1.61	0.61	2.47	1.75	0.61	2.63	1.75	0.61	2.71	1.89	0.62	2.88	1.88	0.62	2.96	1.88	0.63	3.04	2.01	0.63
		25	2.08	1.56	0.64	2.31	1.57	0.65	2.39	1.71	0.65	2.55	1.72	0.66	2.63	1.85	0.66	2.79	1.85	0.67	2.87	1.84	0.67	2.95	1.97	0.67
		30	1.93	1.49	0.72	2.15	1.50	0.73	2.22	1.63	0.73	2.37	1.64	0.74	2.44	1.77	0.74	2.59	1.76	0.75	2.66	1.76	0.76	2.74	1.88	0.76
		35	2.13	1.59	0.96	2.38	1.60	0.97	2.46	1.74	0.98	2.62	1.75	0.99	2.70	1.89	0.99	2.86	1.88	1.00	2.94	1.87	1.00	3.02	2.00	1.01
		40	2.01	1.53	1.07	2.23	1.54	1.09	2.31	1.67	1.09	2.46	1.68	1.10	2.54	1.81	1.11	2.69	1.80	1.12	2.77	1.80	1.13	2.84	1.92	1.13
46	1.95	1.48	1.23	2.17	1.49	1.25	2.25	1.62	1.25	2.40	1.63	1.27	2.47	1.76	1.27	2.62	1.75	1.28	2.69	1.75	1.29	2.77	1.86	1.30		

● Indoor unit : 9000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	2.71	1.97	0.39	3.02	1.99	0.40	3.13	2.16	0.40	3.33	2.17	0.41	3.44	2.34	0.41	3.64	2.33	0.41	3.74	2.33	0.41	3.85	2.48	0.42
		5	2.60	1.92	0.48	2.90	1.93	0.48	3.00	2.10	0.49	3.19	2.11	0.49	3.29	2.27	0.49	3.49	2.27	0.50	3.59	2.26	0.50	3.69	2.41	0.50
		10	2.46	1.85	0.58	2.74	1.86	0.59	2.83	2.02	0.59	3.02	2.03	0.59	3.11	2.19	0.60	3.30	2.19	0.60	3.39	2.18	0.61	3.48	2.33	0.61
		15	2.31	1.77	0.65	2.57	1.78	0.66	2.66	1.93	0.66	2.83	1.94	0.67	2.92	2.10	0.67	3.10	2.09	0.68	3.18	2.08	0.68	3.27	2.22	0.68
		20	2.63	1.92	0.74	2.93	1.93	0.75	3.03	2.10	0.75	3.23	2.11	0.76	3.32	2.27	0.76	3.52	2.26	0.77	3.62	2.26	0.77	3.72	2.41	0.78
		25	2.55	1.88	0.80	2.84	1.89	0.81	2.93	2.06	0.82	3.13	2.06	0.82	3.22	2.23	0.83	3.42	2.22	0.84	3.51	2.22	0.84	3.61	2.36	0.84
		30	2.36	1.79	0.89	2.63	1.80	0.91	2.72	1.96	0.91	2.90	1.97	0.92	2.99	2.13	0.93	3.17	2.12	0.94	3.26	2.11	0.94	3.35	2.26	0.94
		35	2.69	1.95	1.21	2.99	1.96	1.23	3.09	2.13	1.23	3.30	2.14	1.24	3.40	2.31	1.25	3.60	2.30	1.26	3.71	2.29	1.27	3.81	2.45	1.28
		40	2.52	1.87	1.35	2.81	1.88	1.37	2.91	2.04	1.38	3.10	2.05	1.39	3.20	2.21	1.40	3.39	2.21	1.41	3.48	2.20	1.42	3.58	2.35	1.43
46	2.34	1.71	1.56	2.61	1.72	1.58	2.70	1.87	1.59	2.87	1.88	1.60	2.96	2.03	1.61	3.14	2.02	1.63	3.23	2.02	1.64	3.32	2.15	1.65		

● Indoor unit : 12000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
12	Outdoor temperature	0	3.33	2.37	0.51	3.70	2.38	0.52	3.83	2.59	0.52	4.08	2.60	0.53	4.21	2.81	0.53	4.46	2.80	0.53	4.59	2.79	0.54	4.71	2.98	0.54
		5	3.16	2.29	0.61	3.52	2.31	0.61	3.64	2.51	0.62	3.88	2.52	0.62	4.00	2.72	0.63	4.24	2.71	0.63	4.36	2.70	0.64	4.48	2.88	0.64
		10	3.03	2.23	0.73	3.38	2.25	0.74	3.49	2.44	0.74	3.72	2.45	0.75	3.84	2.65	0.75	4.07	2.64	0.76	4.18	2.63	0.76	4.30	2.81	0.77
		15	2.81	2.09	0.76	3.13	2.11	0.78	3.24	2.29	0.78	3.45	2.30	0.79	3.56	2.48	0.79	3.77	2.47	0.80	3.88	2.47	0.80	3.98	2.63	0.81
		20	3.29	2.31	0.93	3.66	2.33	0.95	3.79	2.53	0.95	4.04	2.54	0.96	4.16	2.74	0.96	4.41	2.73	0.97	4.54	2.73	0.98	4.66	2.91	0.98
		25	3.18	2.26	1.04	3.55	2.28	1.05	3.67	2.48	1.06	3.91	2.49	1.07	4.03	2.68	1.07	4.27	2.67	1.08	4.39	2.67	1.09	4.51	2.85	1.09
		30	2.95	2.16	1.14	3.29	2.17	1.16	3.40	2.36	1.16	3.62	2.37	1.18	3.73	2.56	1.18	3.96	2.55	1.19	4.07	2.54	1.20	4.18	2.71	1.21
		35	3.00	2.18	1.35	3.34	2.19	1.37	3.46	2.38	1.38	3.69	2.39	1.39	3.80	2.58	1.40	4.03	2.57	1.41	4.14	2.57	1.42	4.26	2.74	1.43
		40	2.82	2.09	1.51	3.14	2.11	1.54	3.25	2.29	1.54	3.46	2.30	1.56	3.57	2.48	1.57	3.79	2.47	1.58	3.89	2.47	1.59	4.00	2.63	1.60
		46	2.69	2.05	1.70	3.00	2.07	1.73	3.10	2.25	1.73	3.30	2.26	1.75	3.41	2.43	1.76	3.61	2.43	1.78	3.71	2.42	1.79	3.82	2.58	1.80

● Indoor unit : 14000Btu

		Indoor temperature																										
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
14	Outdoor temperature	0	3.28	2.64	0.54	3.66	2.66	0.55	3.78	2.89	0.55	4.03	2.90	0.55	4.16	3.13	0.56	4.41	3.12	0.56	4.53	3.12	0.57	4.66	3.32	0.57		
		5	3.10	2.56	0.63	3.46	2.57	0.64	3.58	2.80	0.64	3.81	2.81	0.65	3.93	3.03	0.65	4.17	3.02	0.66	4.28	3.01	0.66	4.40	3.22	0.67		
		10	3.01	2.51	0.75	3.35	2.53	0.77	3.47	2.75	0.77	3.70	2.76	0.78	3.81	2.98	0.78	4.04	2.97	0.79	4.15	2.96	0.79	4.27	3.16	0.80		
		15	3.52	2.71	0.95	3.92	2.72	0.96	4.05	2.96	0.97	4.32	2.97	0.98	4.45	3.21	0.98	4.72	3.20	0.99	4.85	3.19	1.00	4.99	3.40	1.00		
		20	3.68	2.78	1.06	4.09	2.80	1.08	4.23	3.04	1.08	4.51	3.05	1.09	4.65	3.30	1.10	4.93	3.28	1.11	5.07	3.28	1.11	5.21	3.50	1.12		
		25	3.56	2.72	1.20	3.96	2.74	1.22	4.10	2.98	1.22	4.37	2.99	1.23	4.50	3.23	1.24	4.77	3.22	1.25	4.91	3.21	1.26	5.04	3.43	1.27		
		30	3.29	2.60	1.31	3.67	2.61	1.33	3.79	2.84	1.33	4.04	2.85	1.35	4.17	3.08	1.36	4.42	3.07	1.37	4.54	3.06	1.38	4.67	3.27	1.38		
		35	3.56	2.72	1.62	3.96	2.74	1.65	4.10	2.98	1.65	4.37	2.99	1.67	4.50	3.23	1.68	4.77	3.22	1.70	4.91	3.21	1.71	5.04	3.42	1.71		
		40	3.34	2.61	1.82	3.72	2.63	1.84	3.85	2.86	1.85	4.10	2.87	1.87	4.23	3.10	1.88	4.48	3.09	1.90	4.61	3.08	1.91	4.74	3.29	1.92		
		46	2.93	2.28	1.87	3.26	2.30	1.90	3.37	2.50	1.91	3.59	2.51	1.93	3.70	2.71	1.94	3.92	2.70	1.96	4.04	2.69	1.97	4.15	2.87	1.97		

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

Note:3 or more indoor units should be connected.

Indoor unit : 18000Btu

		Indoor temperature																									
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	
		0	4.21	3.26	0.75	4.69	3.29	0.76	4.85	3.57	0.76	5.17	3.58	0.77	5.33	3.87	0.77	5.65	3.85	0.78	5.81	3.85	0.78	5.97	4.10	0.79	
		5	3.95	3.15	0.86	4.40	3.17	0.87	4.55	3.44	0.88	4.85	3.46	0.89	5.00	3.73	0.89	5.30	3.72	0.90	5.45	3.71	0.90	5.60	3.96	0.91	
		10	3.90	3.13	1.01	4.34	3.15	1.03	4.49	3.42	1.04	4.78	3.43	1.05	4.93	3.70	1.05	5.23	3.69	1.06	5.38	3.68	1.07	5.52	3.93	1.07	
		15	4.12	3.16	1.04	4.59	3.18	1.06	4.75	3.46	1.07	5.06	3.47	1.08	5.22	3.74	1.08	5.53	3.73	1.09	5.69	3.72	1.10	5.85	3.97	1.10	
		20	4.58	3.36	1.31	5.10	3.38	1.33	5.27	3.68	1.34	5.62	3.69	1.35	5.80	3.98	1.36	6.14	3.97	1.37	6.32	3.96	1.38	6.49	4.23	1.38	
		25	4.42	3.29	1.28	4.92	3.31	1.30	5.09	3.60	1.31	5.43	3.61	1.32	5.59	3.90	1.33	5.93	3.89	1.34	6.10	3.88	1.35	6.27	4.14	1.35	
		30	4.09	3.14	1.41	4.55	3.16	1.43	4.71	3.44	1.43	5.02	3.45	1.45	5.17	3.73	1.46	5.49	3.71	1.47	5.64	3.71	1.48	5.80	3.95	1.49	
		35	4.74	3.43	2.12	5.28	3.46	2.16	5.46	3.75	2.17	5.82	3.77	2.19	6.00	4.07	2.20	6.36	4.05	2.22	6.54	4.05	2.23	6.72	4.32	2.24	
		40	4.46	3.30	2.38	4.96	3.32	2.41	5.13	3.60	2.43	5.47	3.62	2.45	5.64	3.91	2.46	5.98	3.89	2.49	6.15	3.88	2.50	6.32	4.14	2.51	
46	3.39	2.74	1.87	3.78	2.76	1.90	3.91	3.00	1.91	4.17	3.01	1.93	4.30	3.25	1.94	4.55	3.24	1.96	4.68	3.23	1.97	4.81	3.45	1.98			

Indoor unit : 24000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
24	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	4.83	3.77	1.08	5.38	3.80	1.10	5.57	4.13	1.11	5.94	4.14	1.12	6.12	4.47	1.12	6.49	4.46	1.13	6.67	4.45	1.14	6.85	4.74	1.15			
		5	4.51	3.63	1.21	5.02	3.66	1.23	5.19	3.97	1.24	5.53	3.99	1.25	5.70	4.31	1.26	6.05	4.29	1.27	6.22	4.28	1.28	6.39	4.57	1.28			
		10	4.54	3.65	1.42	5.05	3.67	1.44	5.23	3.99	1.44	5.57	4.00	1.46	5.74	4.32	1.47	6.09	4.31	1.48	6.26	4.30	1.49	6.43	4.59	1.50			
		15	4.92	3.81	1.14	5.48	3.83	1.16	5.67	4.17	1.17	6.04	4.18	1.18	6.23	4.52	1.18	6.60	4.50	1.20	6.79	4.49	1.20	6.98	4.79	1.21			
		20	6.30	4.40	1.67	7.02	4.42	1.69	7.26	4.81	1.70	7.74	4.83	1.72	7.97	5.21	1.73	8.45	5.19	1.75	8.69	5.18	1.76	8.93	5.53	1.76			
		25	6.04	4.29	1.92	6.73	4.31	1.95	6.96	4.69	1.96	7.42	4.71	1.98	7.65	5.08	1.99	8.11	5.06	2.01	8.34	5.05	2.02	8.57	5.39	2.03			
		30	5.59	4.10	2.09	6.23	4.12	2.12	6.44	4.48	2.13	6.87	4.50	2.16	7.08	4.85	2.17	7.50	4.84	2.19	7.72	4.83	2.20	7.93	5.15	2.21			
		35	5.85	4.20	2.76	6.51	4.23	2.80	6.73	4.60	2.82	7.18	4.61	2.85	7.40	4.98	2.86	7.84	4.96	2.89	8.07	4.95	2.90	8.29	5.28	2.92			
		40	4.92	3.81	2.52	5.48	3.84	2.56	5.67	4.17	2.57	6.04	4.19	2.60	6.23	4.52	2.61	6.60	4.50	2.64	6.79	4.50	2.65	6.97	4.80	2.66			
46	4.10	3.43	2.26	4.56	3.45	2.29	4.72	3.75	2.30	5.03	3.76	2.33	5.18	4.06	2.34	5.50	4.05	2.36	5.65	4.04	2.38	5.81	4.31	2.39					

Indoor unit : 7000Btu + 7000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
7+7	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	4.45	3.23	0.69	4.95	3.25	0.70	5.12	3.54	0.71	5.46	3.55	0.71	5.63	3.83	0.72	5.97	3.82	0.73	6.14	3.81	0.73	6.31	4.07	0.73			
		5	4.20	3.11	0.81	4.68	3.13	0.83	4.84	3.41	0.83	5.16	3.42	0.84	5.32	3.69	0.84	5.64	3.68	0.85	5.80	3.67	0.86	5.96	3.92	0.86			
		10	4.08	3.05	0.97	4.54	3.07	0.99	4.69	3.34	0.99	5.00	3.35	1.00	5.16	3.62	1.01	5.47	3.61	1.02	5.62	3.60	1.02	5.78	3.84	1.03			
		15	4.00	3.02	0.98	4.46	3.04	0.99	4.61	3.30	1.00	4.91	3.31	1.01	5.07	3.58	1.01	5.37	3.56	1.02	5.52	3.56	1.03	5.67	3.79	1.03			
		20	4.18	3.10	1.09	4.66	3.12	1.11	4.82	3.39	1.12	5.13	3.41	1.13	5.29	3.68	1.13	5.61	3.67	1.14	5.77	3.66	1.15	5.93	3.90	1.16			
		25	4.05	3.04	1.23	4.51	3.06	1.25	4.66	3.32	1.26	4.97	3.34	1.27	5.12	3.60	1.28	5.43	3.59	1.29	5.58	3.58	1.30	5.74	3.82	1.31			
		30	3.74	2.89	1.35	4.17	2.91	1.37	4.31	3.16	1.38	4.60	3.18	1.39	4.74	3.43	1.40	5.02	3.42	1.41	5.17	3.41	1.42	5.31	3.64	1.43			
		35	4.11	3.16	1.56	4.58	3.18	1.59	4.73	3.46	1.60	5.04	3.47	1.61	5.20	3.75	1.62	5.51	3.74	1.64	5.67	3.73	1.64	5.82	3.98	1.65			
		40	4.02	3.03	1.76	4.48	3.05	1.78	4.63	3.31	1.79	4.94	3.33	1.81	5.09	3.59	1.82	5.40	3.58	1.84	5.55	3.57	1.85	5.70	3.81	1.86			
46	3.52	2.81	1.87	3.93	2.83	1.90	4.06	3.08	1.91	4.33	3.09	1.93	4.46	3.33	1.94	4.73	3.32	1.96	4.86	3.32	1.97	5.00	3.54	1.98					

Indoor unit : 7000Btu + 9000Btu

		Indoor temperature																											
		°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
7+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	4.48	3.47	0.71	4.99	3.48	0.72	5.16	3.79	0.72	5.50	3.81	0.73	5.67	4.11	0.73	6.01	4.10	0.74	6.18	4.09	0.75	6.35	4.36	0.75			
		5	4.21	3.35	0.82	4.69	3.37	0.84	4.85	3.66	0.84	5.17	3.68	0.85	5.33	3.97	0.85	5.65	3.96	0.86	5.81	3.95	0.87	5.97	4.21	0.87			
		10	4.12	3.31	0.98	4.59	3.33	0.99	4.75	3.62	1.00	5.06	3.63	1.01	5.22	3.92	1.01	5.53	3.91	1.02	5.69	3.90	1.03	5.85	4.16	1.03			
		15	4.08	3.29	0.94	4.55	3.31	0.96	4.70	3.60	0.96	5.01	3.61	0.97	5.17	3.90	0.98	5.48	3.89	0.99	5.63	3.88	0.99	5.79	4.14	1.00			
		20	4.71	3.58	1.20	5.25	3.60	1.22	5.43	3.91	1.22	5.78	3.93	1.23	5.96	4.24	1.24	6.32	4.22	1.25	6.50	4.21	1.26	6.68	4.50	1.27			
		25	4.55	3.50	1.16	5.07	3.53	1.18	5.25	3.83	1.19	5.59	3.85	1.20	5.76	4.15	1.21	6.11	4.14	1.22	6.28	4.13	1.22	6.46	4.41	1.23			
		30	4.21	3.35	1.28	4.69	3.37	1.30	4.85	3.66	1.31	5.17	3.68	1.32	5.33	3.97	1.33	5.65	3.96	1.34	5.81	3.95	1.35	5.97	4.21	1.35			
		35	4.74	3.46	2.08	5.28	3.48	2.12	5.46	3.78	2.13	5.82	3.80	2.15	6.00	4.10	2.16	6.36	4.08	2.18	6.54	4.08	2.19	6.72	4.35	2.20			
		40	4.60	3.18	2.33	5.12	3.20	2.37	5.30	3.48	2.38	5.65	3.49	2.41	5.82	3.77	2.42	6.17	3.75	2.44	6.34	3.75	2.46	6.52	4.00	2.47			
46	3.59	2.95	1.87	4.00	2.97	1.90	4.13	3.23	1.91	4.41	3.24	1.93	4.54	3.50	1.94	4.81	3.48	1.96	4.95	3.48	1.97	5.09	3.71	1.98					

Note: 3 or more indoor units should be connected.

● Indoor unit : 7000Btu + 12000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	4.58	3.50	0.84	5.11	3.52	0.86	5.28	3.83	0.86	5.63	3.84	0.87	5.80	4.15	0.88	6.15	4.14	0.88	6.33	4.13	0.89	6.50	4.40	0.89		
		5	4.29	3.37	0.97	4.78	3.39	0.98	4.94	3.68	0.99	5.27	3.70	1.00	5.43	3.99	1.00	5.76	3.98	1.01	5.92	3.97	1.02	6.08	4.24	1.02		
		10	4.25	3.35	1.14	4.74	3.37	1.16	4.90	3.67	1.16	5.22	3.68	1.18	5.38	3.97	1.18	5.71	3.96	1.19	5.87	3.95	1.20	6.03	4.21	1.21		
		15	4.26	3.35	1.03	4.74	3.37	1.05	4.90	3.67	1.05	5.22	3.68	1.06	5.39	3.97	1.07	5.71	3.96	1.08	5.87	3.95	1.08	6.03	4.22	1.09		
		20	4.73	3.57	1.31	5.27	3.59	1.33	5.45	3.90	1.34	5.81	3.92	1.35	5.99	4.23	1.36	6.35	4.21	1.37	6.53	4.21	1.38	6.71	4.49	1.39		
		25	4.56	3.49	1.29	5.08	3.51	1.31	5.25	3.82	1.31	5.60	3.83	1.33	5.77	4.14	1.33	6.12	4.12	1.35	6.29	4.12	1.35	6.47	4.39	1.36		
		30	4.22	3.34	1.41	4.70	3.36	1.43	4.86	3.65	1.44	5.18	3.66	1.46	5.34	3.95	1.46	5.66	3.94	1.48	5.82	3.93	1.48	5.98	4.20	1.49		
		35	4.90	3.64	2.12	5.46	3.67	2.16	5.64	3.99	2.17	6.01	4.00	2.19	6.20	4.32	2.20	6.57	4.30	2.22	6.76	4.30	2.23	6.94	4.58	2.24		
		40	4.60	3.50	2.55	5.13	3.52	2.59	5.30	3.83	2.60	5.65	3.84	2.63	5.83	4.15	2.64	6.18	4.13	2.67	6.35	4.12	2.68	6.53	4.40	2.69		
		46	3.68	3.16	1.90	4.10	3.18	1.93	4.24	3.45	1.94	4.52	3.47	1.96	4.66	3.74	1.97	4.94	3.73	1.99	5.08	3.72	2.00	5.22	3.97	2.01		

● Indoor unit : 7000Btu + 14000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	4.62	3.87	0.88	5.15	3.90	0.90	5.32	4.24	0.90	5.67	4.25	0.91	5.85	4.59	0.92	6.20	4.57	0.93	6.37	4.57	0.93	6.55	4.87	0.93
		5	4.31	3.73	1.00	4.81	3.76	1.02	4.97	4.08	1.02	5.30	4.10	1.03	5.46	4.42	1.04	5.79	4.41	1.05	5.95	4.40	1.06	6.12	4.69	1.06
		10	4.31	3.73	1.18	4.80	3.75	1.20	4.96	4.08	1.20	5.29	4.09	1.21	5.45	4.42	1.22	5.78	4.40	1.23	5.94	4.39	1.24	6.10	4.69	1.24
		15	4.78	3.95	1.12	5.32	3.97	1.14	5.50	4.32	1.15	5.87	4.33	1.16	6.05	4.68	1.16	6.41	4.66	1.17	6.59	4.65	1.18	6.77	4.96	1.19
		20	6.09	4.56	1.47	6.79	4.59	1.49	7.02	4.98	1.50	7.48	5.00	1.51	7.71	5.40	1.52	8.17	5.38	1.54	8.40	5.37	1.54	8.64	5.73	1.55
		25	5.86	4.45	1.66	6.53	4.48	1.69	6.75	4.87	1.70	7.20	4.89	1.72	7.42	5.28	1.72	7.87	5.26	1.74	8.09	5.25	1.75	8.31	5.60	1.76
		30	5.42	4.25	1.82	6.04	4.27	1.85	6.25	4.65	1.86	6.66	4.66	1.88	6.87	5.03	1.89	7.28	5.02	1.90	7.48	5.01	1.91	7.69	5.34	1.92
		35	5.61	4.33	2.41	6.25	4.36	2.45	6.46	4.74	2.46	6.89	4.76	2.49	7.10	5.14	2.50	7.53	5.12	2.53	7.74	5.11	2.54	7.95	5.45	2.55
		40	5.05	4.07	2.65	5.63	4.09	2.70	5.82	4.45	2.71	6.21	4.47	2.74	6.40	4.82	2.75	6.78	4.80	2.78	6.97	4.79	2.79	7.17	5.11	2.81
46	3.75	3.30	2.13	4.17	3.32	2.17	4.32	3.60	2.18	4.60	3.62	2.20	4.74	3.91	2.21	5.03	3.89	2.23	5.17	3.88	2.24	5.31	4.14	2.25		

● Indoor unit : 7000Btu + 18000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
7+18	Outdoor temperature (°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	
		0	5.70	4.55	1.17	6.34	4.58	1.19	6.56	4.98	1.20	6.99	5.00	1.21	7.21	5.40	1.21	7.64	5.38	1.23	7.86	5.37	1.23	8.07	5.73	1.24			
		5	5.31	4.38	1.31	5.91	4.41	1.33	6.11	4.79	1.34	6.52	4.81	1.35	6.72	5.19	1.36	7.12	5.18	1.37	7.32	5.17	1.38	7.53	5.51	1.38			
		10	5.36	4.40	1.52	5.97	4.43	1.55	6.17	4.82	1.55	6.58	4.84	1.57	6.78	5.22	1.58	7.19	5.20	1.59	7.39	5.19	1.60	7.60	5.54	1.61			
		15	6.86	5.07	1.45	7.64	5.10	1.48	7.91	5.55	1.48	8.43	5.57	1.50	8.69	6.01	1.51	9.21	5.99	1.52	9.47	5.98	1.53	9.73	6.38	1.54			
		20	6.98	5.12	1.66	7.78	5.16	1.69	8.04	5.60	1.70	8.57	5.63	1.72	8.84	6.07	1.72	9.37	6.05	1.74	9.63	6.04	1.75	9.90	6.44	1.76			
		25	6.69	4.99	1.92	7.45	5.03	1.95	7.70	5.46	1.96	8.21	5.48	1.98	8.47	5.92	1.99	8.97	5.90	2.01	9.23	5.89	2.02	9.48	6.28	2.03			
		30	6.19	4.77	2.09	6.90	4.80	2.13	7.13	5.22	2.14	7.60	5.24	2.16	7.84	5.66	2.17	8.31	5.64	2.19	8.54	5.63	2.20	8.78	6.00	2.21			
		35	6.48	4.90	2.75	7.22	4.93	2.79	7.46	5.36	2.81	7.95	5.38	2.84	8.20	5.81	2.85	8.69	5.79	2.88	8.94	5.78	2.89	9.18	6.16	2.91			
		40	5.51	4.40	3.16	6.14	4.43	3.20	6.35	4.81	3.22	6.77	4.83	3.25	6.98	5.21	3.27	7.40	5.19	3.30	7.61	5.18	3.32	7.82	5.53	3.34			
46	3.87	3.57	2.26	4.32	3.59	2.29	4.46	3.91	2.30	4.76	3.92	2.33	4.90	4.23	2.34	5.20	4.22	2.36	5.34	4.21	2.38	5.49	4.49	2.39					

● Indoor unit : 7000Btu + 24000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+24	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	6.99	5.37	1.79	7.78	5.41	1.82	8.05	5.88	1.82	8.58	5.90	1.84	8.84	6.37	1.85	9.37	6.35	1.87	9.64	6.33	1.88	9.91	6.76	1.89
		5	6.54	5.18	1.95	7.28	5.22	1.98	7.53	5.67	1.99	8.03	5.69	2.01	8.28	6.14	2.02	8.77	6.12	2.05	9.02	6.11	2.06	9.27	6.52	2.07
		10	6.66	5.23	1.62	7.42	5.27	1.64	7.67	5.72	1.65	8.18	5.75	1.67	8.43	6.20	1.68	8.93	6.18	1.69	9.19	6.17	1.70	9.44	6.58	1.71
		15	7.28	5.50	1.86	8.11	5.53	1.89	8.38	6.01	1.89	8.94	6.04	1.91	9.21	6.51	1.92	9.77	6.49	1.94	10.04	6.48	1.95	10.32	6.91	1.96
		20	7.92	5.77	2.10	8.82	5.81	2.13	9.13	6.31	2.14	9.73	6.33	2.16	10.03	6.84	2.18	10.63	6.81	2.20	10.93	6.80	2.21	11.23	7.26	2.22
		25	7.52	5.60	2.48	8.37	5.63	2.52	8.66	6.12	2.54	9.23	6.15	2.56	9.52	6.63	2.57	10.09	6.61	2.60	10.37	6.60	2.61	10.66	7.04	2.63
		30	6.98	5.37	2.69	7.77	5.40	2.73	8.04	5.87	2.75	8.57	5.89	2.78	8.83	6.36	2.79	9.36	6.34	2.82	9.63	6.33	2.83	9.89	6.75	2.85
		35	7.35	5.53	3.45	8.18	5.56	3.51	8.46	6.04	3.53	9.02	6.07	3.58	9.30	6.55	3.58	9.86	6.53	3.58	10.14	6.51	3.58	10.42	6.95	3.58
		40	5.97	4.86	3.16	6.65	4.89	3.20	6.87	5.32	3.22	7.32	5.34	3.25	7.55	5.76	3.27	8.00	5.74	3.30	8.23	5.73	3.32	8.46	6.11	3.34
46	4.06	3.98	2.26	4.53	4.01	2.29	4.68	4.36	2.30	4.99	4.37	2.33	5.14	4.72	2.34	5.45	4.71	2.36	5.61	4.70	2.38	5.76	5.01	2.39		

Note: 3 or more indoor units should be connected.

● Indoor unit : 9000Btu + 9000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	4.06	3.23	0.76	4.53	3.25	0.77	4.68	3.53	0.77	4.99	3.55	0.78	5.14	3.83	0.78	5.45	3.82	0.79	5.61	3.81	0.80	5.76	4.06	0.80	5.76	4.06	0.80
		5	3.81	3.12	0.87	4.24	3.14	0.88	4.39	3.41	0.89	4.68	3.42	0.90	4.82	3.69	0.90	5.11	3.68	0.91	5.26	3.67	0.92	5.40	3.92	0.92	5.40	3.92	0.92
		10	3.76	3.09	1.03	4.19	3.11	1.04	4.33	3.38	1.05	4.62	3.40	1.06	4.76	3.67	1.07	5.05	3.65	1.08	5.19	3.65	1.08	5.33	3.89	1.09	5.33	3.89	1.09
		15	4.18	3.28	1.06	4.65	3.31	1.07	4.81	3.59	1.08	5.13	3.61	1.09	5.29	3.89	1.10	5.61	3.88	1.11	5.77	3.87	1.11	5.92	4.13	1.12	5.92	4.13	1.12
		20	4.64	3.49	1.33	5.17	3.52	1.35	5.34	3.82	1.36	5.70	3.84	1.37	5.87	4.14	1.38	6.23	4.13	1.39	6.40	4.12	1.40	6.58	4.39	1.40	6.58	4.39	1.40
		25	4.48	3.42	1.30	4.99	3.44	1.32	5.16	3.74	1.33	5.50	3.76	1.34	5.67	4.05	1.35	6.01	4.04	1.36	6.18	4.03	1.37	6.35	4.30	1.37	6.35	4.30	1.37
		30	4.36	3.44	1.42	4.86	3.46	1.45	5.02	3.76	1.45	5.35	3.78	1.47	5.52	4.08	1.48	5.85	4.06	1.49	6.02	4.05	1.50	6.18	4.33	1.51	6.18	4.33	1.51
		35	5.06	3.76	2.15	5.63	3.78	2.19	5.82	4.11	2.20	6.21	4.12	2.22	6.40	4.45	2.23	6.78	4.44	2.25	6.98	4.43	2.26	7.17	4.72	2.27	7.17	4.72	2.27
		40	4.78	3.61	2.41	5.33	3.63	2.45	5.51	3.94	2.46	5.87	3.96	2.49	6.05	4.27	2.50	6.41	4.26	2.52	6.60	4.25	2.54	6.78	4.54	2.55	6.78	4.54	2.55
46	3.65	3.09	2.26	4.07	3.11	2.29	4.21	3.38	2.30	4.48	3.39	2.33	4.62	3.66	2.34	4.90	3.65	2.36	5.04	3.64	2.38	5.18	3.88	2.39	5.18	3.88	2.39		

● Indoor unit : 9000Btu + 12000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	4.65	3.72	0.88	5.17	3.75	0.90	5.35	4.07	0.90	5.70	4.09	0.91	5.88	4.41	0.92	6.23	4.40	0.93	6.41	4.39	0.93	6.59	4.68	0.93	6.59	4.68	0.93
		5	4.34	3.59	1.00	4.83	3.61	1.02	5.00	3.92	1.02	5.33	3.94	1.03	5.49	4.25	1.04	5.82	4.23	1.05	5.99	4.23	1.06	6.15	4.51	1.06	6.15	4.51	1.06
		10	4.33	3.58	1.18	4.82	3.61	1.20	4.99	3.92	1.20	5.32	3.93	1.21	5.48	4.25	1.22	5.81	4.23	1.23	5.97	4.22	1.24	6.14	4.50	1.24	6.14	4.50	1.24
		15	4.58	3.61	1.12	5.10	3.64	1.14	5.27	3.95	1.15	5.62	3.97	1.16	5.79	4.28	1.16	6.14	4.27	1.17	6.31	4.26	1.18	6.49	4.54	1.19	6.49	4.54	1.19
		20	5.83	4.17	1.47	6.50	4.20	1.49	6.72	4.56	1.50	7.16	4.58	1.51	7.39	4.94	1.52	7.83	4.93	1.54	8.05	4.92	1.54	8.27	5.24	1.55	8.27	5.24	1.55
		25	5.62	4.07	1.66	6.26	4.10	1.69	6.47	4.46	1.70	6.90	4.47	1.72	7.11	4.83	1.72	7.54	4.81	1.74	7.75	4.80	1.75	7.96	5.12	1.76	7.96	5.12	1.76
		30	5.19	3.89	1.82	5.79	3.91	1.85	5.98	4.25	1.86	6.38	4.27	1.88	6.58	4.61	1.89	6.97	4.59	1.90	7.17	4.58	1.91	7.36	4.89	1.92	7.36	4.89	1.92
		35	5.37	3.97	2.41	5.98	3.99	2.45	6.19	4.34	2.46	6.60	4.35	2.49	6.80	4.70	2.50	7.21	4.68	2.53	7.41	4.67	2.54	7.62	4.99	2.55	7.62	4.99	2.55
		40	5.05	3.72	2.71	5.63	3.75	2.75	5.82	4.07	2.77	6.21	4.09	2.80	6.40	4.41	2.81	6.78	4.40	2.84	6.97	4.39	2.85	7.17	4.68	2.87	7.17	4.68	2.87
46	3.75	3.30	2.26	4.17	3.32	2.29	4.32	3.60	2.30	4.60	3.62	2.33	4.74	3.91	2.34	5.03	3.89	2.36	5.17	3.88	2.38	5.31	4.14	2.39	5.31	4.14	2.39		

● Indoor unit : 9000Btu + 14000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
9+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	5.38	4.45	1.08	6.00	4.48	1.10	6.20	4.86	1.10	6.61	4.88	1.12	6.82	5.27	1.12	7.22	5.25	1.13	7.43	5.24	1.14	7.63	5.59	1.14	7.63	5.59	1.14
		5	5.02	4.28	1.22	5.59	4.31	1.24	5.78	4.68	1.24	6.16	4.70	1.26	6.36	5.08	1.26	6.74	5.06	1.28	6.93	5.05	1.28	7.12	5.39	1.29	7.12	5.39	1.29
		10	5.04	4.29	1.42	5.62	4.32	1.45	5.81	4.69	1.45	6.19	4.71	1.47	6.38	5.09	1.47	6.77	5.07	1.49	6.96	5.06	1.50	7.15	5.40	1.50	7.15	5.40	1.50
		15	5.20	4.27	1.26	5.79	4.29	1.28	5.99	4.67	1.29	6.38	4.69	1.30	6.58	5.06	1.30	6.97	5.04	1.32	7.17	5.03	1.32	7.37	5.37	1.33	7.37	5.37	1.33
		20	6.21	4.73	1.58	6.92	4.76	1.61	7.16	5.17	1.61	7.63	5.19	1.63	7.86	5.60	1.64	8.34	5.58	1.66	8.57	5.57	1.66	8.81	5.95	1.67	8.81	5.95	1.67
		25	5.97	4.62	1.81	6.65	4.65	1.84	6.87	5.05	1.85	7.33	5.07	1.87	7.55	5.47	1.88	8.01	5.45	1.89	8.23	5.44	1.90	8.46	5.81	1.91	8.46	5.81	1.91
		30	5.52	4.41	1.98	6.15	4.44	2.01	6.36	4.83	2.02	6.78	4.85	2.04	6.99	5.23	2.05	7.41	5.21	2.07	7.62	5.20	2.08	7.83	5.55	2.09	7.83	5.55	2.09
		35	6.16	4.71	2.80	6.86	4.74	2.84	7.10	5.15	2.86	7.57	5.17	2.89	7.80	5.58	2.90	8.27	5.56	2.93	8.50	5.55	2.94	8.74	5.92	2.96	8.74	5.92	2.96
		40	5.38	4.32	2.89	5.99	4.35	2.93	6.20	4.72	2.95	6.61	4.74	2.98	6.81	5.12	2.99	7.22	5.10	3.02	7.42	5.09	3.03	7.63	5.43	3.05	7.63	5.43	3.05
46	3.81	3.43	2.26	4.24	3.45	2.29	4.39	3.75	2.30	4.68	3.77	2.33	4.82	4.07	2.34	5.11	4.05	2.36	5.26	4.05	2.38	5.40	4.32	2.39	5.40	4.32	2.39		

● Indoor unit : 9000Btu + 18000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
9-18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	5.43	4.55	1.25	6.05	4.58	1.27	6.25	4.97	1.28	6.67	4.99	1.29	6.87	5.39	1.30	7.29	5.37	1.31	7.49	5.36	1.31	7.70	5.72	1.32			
		5	5.06	4.39	1.39	5.64	4.42	1.41	5.83	4.80	1.41	6.22	4.82	1.43	6.41	5.20	1.44	6.79	5.18	1.45	6.98	5.17	1.46	7.18	5.52	1.46			
		10	5.13	4.02	1.10	5.72	4.45	1.12	5.91	4.83	1.12	6.30	4.85	1.13	6.49	5.23	1.14	6.88	5.22	1.15	7.08	5.21	1.16	7.27	5.55	1.16			
		15	6.59	5.05	1.54	7.34	5.09	1.57	7.59	5.53	1.58	8.10	5.55	1.59	8.35	5.99	1.60	8.85	5.97	1.62	9.10	5.96	1.62	9.35	6.36	1.63			
		20	7.06	5.26	1.81	7.86	5.29	1.84	8.13	5.75	1.85	8.67	5.77	1.87	8.93	6.23	1.88	9.47	6.21	1.90	9.74	6.20	1.90	10.01	6.61	1.91			
		25	6.74	5.12	2.11	7.51	5.15	2.14	7.77	5.60	2.15	8.28	5.62	2.17	8.54	6.07	2.18	9.05	6.05	2.21	9.30	6.03	2.22	9.56	6.44	2.23			
		30	6.25	4.90	2.29	6.96	4.93	2.33	7.19	5.36	2.34	7.67	5.38	2.36	7.91	5.81	2.38	8.38	5.79	2.40	8.62	5.78	2.41	8.85	6.16	2.42			
		35	6.87	5.18	3.14	7.66	5.21	3.19	7.92	5.66	3.20	8.44	5.68	3.23	8.70	6.13	3.25	9.22	6.11	3.28	9.48	6.10	3.30	9.74	6.51	3.32			
		40	5.65	4.54	3.16	6.29	4.57	3.20	6.51	4.96	3.22	6.94	4.98	3.25	7.15	5.38	3.27	7.58	5.36	3.30	7.79	5.35	3.32	8.01	5.71	3.34			
46	3.94	3.71	2.26	4.39	3.73	2.29	4.54	4.06	2.30	4.83	4.07	2.33	4.98	4.40	2.34	5.28	4.38	2.36	5.43	4.37	2.38	5.58	4.66	2.39					

Note: 3 or more indoor units should be connected.

● Indoor unit : 9000Btu + 24000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
9+24	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	7.07	5.54	1.26	7.88	5.58	1.28	8.15	6.06	1.28	8.68	6.08	1.30	8.95	6.57	1.30	9.49	6.54	1.32	9.76	6.53	1.32	10.03	6.97	1.33			
		5	6.64	5.36	1.60	7.40	5.39	1.62	7.65	5.86	1.63	8.15	5.88	1.65	8.41	6.35	1.66	8.91	6.33	1.67	9.16	6.32	1.68	9.41	6.74	1.69			
		10	6.77	5.41	1.65	7.54	5.45	1.68	7.80	5.92	1.69	8.31	5.94	1.70	8.57	6.41	1.71	9.08	6.39	1.73	9.34	6.38	1.74	9.59	6.80	1.75			
		15	7.76	5.83	1.96	8.64	5.87	1.99	8.93	6.38	2.00	9.52	6.40	2.02	9.82	6.91	2.03	10.41	6.89	2.05	10.70	6.87	2.06	11.00	7.33	2.07			
		20	8.10	5.97	2.07	9.02	6.01	2.10	9.33	6.53	2.11	9.94	6.56	2.13	10.25	7.08	2.14	10.86	7.06	2.16	11.17	7.04	2.17	11.48	7.51	2.18			
		25	8.42	6.11	2.71	9.38	6.15	2.75	9.70	6.68	2.77	10.34	6.71	2.80	10.66	7.24	2.81	11.29	7.22	2.84	11.61	7.20	2.85	11.93	7.68	2.87			
		30	7.82	5.86	2.94	8.71	5.90	2.98	9.01	6.41	3.00	9.60	6.43	3.03	9.90	6.94	3.04	10.50	6.92	3.07	10.79	6.91	3.09	11.09	7.37	3.10			
		35	7.51	5.72	3.40	8.36	5.76	3.45	8.65	6.26	3.47	9.22	6.28	3.50	9.50	6.78	3.52	10.07	6.76	3.56	10.36	6.75	3.58	10.64	7.20	3.58			
		40	6.15	5.04	3.16	6.85	5.07	3.20	7.08	5.51	3.22	7.55	5.53	3.25	7.78	5.97	3.27	8.25	5.95	3.30	8.48	5.94	3.32	8.72	6.33	3.34			
46	4.13	4.12	2.35	4.60	4.15	2.39	4.75	4.51	2.40	5.07	4.53	2.43	5.23	4.89	2.44	5.54	4.87	2.46	5.70	4.86	2.48	5.85	5.18	2.49					

● Indoor unit : 12000Btu + 12000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP			
12+12	Outdoor temperature	0	4.77	3.80	1.06	5.31	3.82	1.08	5.49	4.15	1.08	5.86	4.17	1.09	6.04	4.50	1.10	6.40	4.49	1.11	6.58	4.48	1.12	6.76	4.78	1.12			
		5	4.45	3.66	1.19	4.95	3.68	1.21	5.12	4.00	1.21	5.46	4.02	1.23	5.63	4.34	1.23	5.96	4.32	1.24	6.13	4.31	1.25	6.30	4.60	1.26			
		10	4.48	3.67	1.39	4.99	3.70	1.41	5.16	4.02	1.41	5.50	4.03	1.43	5.67	4.35	1.44	6.01	4.34	1.45	6.18	4.33	1.46	6.35	4.62	1.46			
		15	4.85	3.84	1.12	5.41	3.86	1.14	5.59	4.20	1.14	5.96	4.21	1.15	6.15	4.55	1.16	6.51	4.53	1.17	6.70	4.52	1.18	6.88	4.82	1.18			
		20	5.81	4.25	1.53	6.48	4.28	1.55	6.70	4.65	1.56	7.14	4.67	1.58	7.36	5.04	1.58	7.80	5.02	1.60	8.02	5.01	1.61	8.24	5.35	1.62			
		25	5.58	4.15	1.76	6.21	4.18	1.78	6.42	4.54	1.79	6.85	4.56	1.81	7.06	4.92	1.82	7.48	4.90	1.84	7.70	4.89	1.85	7.91	5.22	1.86			
		30	5.16	3.97	1.92	5.75	3.99	1.95	5.94	4.34	1.96	6.34	4.36	1.98	6.53	4.70	1.98	6.92	4.69	2.00	7.12	4.68	2.01	7.32	4.99	2.02			
		35	5.77	4.23	2.70	6.42	4.26	2.74	6.64	4.63	2.76	7.08	4.65	2.79	7.30	5.01	2.80	7.74	5.00	2.83	7.96	4.99	2.84	8.18	5.32	2.86			
		40	5.44	3.77	2.97	6.06	3.80	3.02	6.27	4.13	3.03	6.68	4.14	3.06	6.89	4.47	3.08	7.30	4.46	3.11	7.51	4.45	3.13	7.72	4.74	3.14			
		46	3.84	3.50	2.35	4.28	3.52	2.39	4.43	3.83	2.40	4.72	3.84	2.43	4.86	4.15	2.44	5.16	4.14	2.46	5.30	4.13	2.48	5.45	4.40	2.49			

● Indoor unit : 12000Btu + 14000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	5.34	4.57	1.25	5.94	4.60	1.27	6.15	4.99	1.28	6.55	5.01	1.29	6.75	5.41	1.30	7.16	5.39	1.31	7.36	5.38	1.32	7.56	5.74	1.32			
		5	4.97	4.40	1.39	5.54	4.43	1.41	5.73	4.81	1.42	6.11	4.83	1.44	6.29	5.22	1.44	6.67	5.20	1.46	6.86	5.19	1.46	7.05	5.54	1.47			
		10	5.03	4.43	1.09	5.60	4.46	1.11	5.79	4.84	1.12	6.18	4.86	1.13	6.37	5.25	1.13	6.75	5.23	1.14	6.94	5.22	1.15	7.13	5.57	1.16			
		15	6.45	5.07	1.55	7.19	5.10	1.57	7.44	5.54	1.58	7.93	5.57	1.60	8.17	6.01	1.60	8.66	5.99	1.62	8.91	5.98	1.63	9.15	6.37	1.64			
		20	6.58	5.12	1.75	7.33	5.16	1.78	7.58	5.60	1.79	8.08	5.63	1.81	8.33	6.07	1.82	8.83	6.05	1.83	9.08	6.04	1.84	9.33	6.44	1.85			
		25	6.29	5.00	2.03	7.01	5.03	2.06	7.25	5.46	2.07	7.73	5.49	2.09	7.97	5.92	2.10	8.44	5.90	2.13	8.68	5.89	2.14	8.92	6.28	2.15			
		30	5.83	4.79	2.21	6.49	4.82	2.25	6.71	5.24	2.26	7.15	5.26	2.28	7.38	5.67	2.29	7.82	5.65	2.31	8.04	5.64	2.33	8.26	6.02	2.34			
		35	6.72	5.19	3.18	7.48	5.22	3.23	7.74	5.67	3.25	8.25	5.69	3.28	8.50	6.15	3.30	9.01	6.12	3.33	9.27	6.11	3.35	9.52	6.52	3.37			
		40	5.62	4.60	3.16	6.27	4.63	3.20	6.48	5.03	3.22	6.91	5.05	3.25	7.12	5.45	3.27	7.55	5.43	3.30	7.76	5.42	3.32	7.97	5.79	3.34			
46	3.91	3.64	2.35	4.35	3.66	2.39	4.50	3.98	2.40	4.80	4.00	2.43	4.94	4.31	2.44	5.24	4.30	2.46	5.39	4.29	2.48	5.54	4.58	2.49					

● Indoor unit : 12000Btu + 18000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
12+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	6.87	5.26	1.73	7.65	5.29	1.76	7.91	5.75	1.77	8.44	5.77	1.79	8.70	6.23	1.80	9.22	6.21	1.82	9.48	6.20	1.82	9.74	6.61	1.83			
		5	6.42	5.07	1.90	7.15	5.10	1.93	7.40	5.54	1.94	7.88	5.56	1.96	8.13	6.00	1.97	8.61	5.98	1.99	8.86	5.97	2.00	9.10	6.37	2.01			
		10	6.53	5.11	1.56	7.28	5.15	1.58	7.53	5.59	1.59	8.02	5.61	1.61	8.27	6.06	1.62	8.77	6.04	1.63	9.01	6.03	1.64	9.26	6.43	1.65			
		15	7.14	5.37	1.80	7.95	5.41	1.83	8.22	5.87	1.84	8.76	5.90	1.86	9.04	6.36	1.87	9.58	6.34	1.89	9.85	6.33	1.90	10.12	6.75	1.91			
		20	7.75	5.63	2.06	8.63	5.67	2.09	8.93	6.16	2.11	9.52	6.18	2.13	9.81	6.67	2.14	10.40	6.65	2.16	10.69	6.64	2.17	10.99	7.08	2.18			
		25	7.37	5.47	2.43	8.21	5.50	2.47	8.49	5.98	2.48	9.05	6.00	2.51	9.33	6.48	2.52	9.89	6.46	2.54	10.17	6.45	2.56	10.45	6.88	2.57			
		30	6.83	5.24	2.64	7.61	5.27	2.68	7.87	5.73	2.69	8.39	5.75	2.72	8.65	6.21	2.73	9.17	6.19	2.76	9.43	6.18	2.77	9.69	6.59	2.79			
		35	7.19	5.39	3.40	8.01	5.43	3.45	8.28	5.90	3.47	8.83	5.92	3.50	9.10	6.39	3.52	9.65	6.37	3.56	9.92	6.36	3.58	10.19	6.78	3.58			
		40	5.87	4.75	3.16	6.54	4.78	3.20	6.77	5.19	3.22	7.21	5.21	3.25	7.44	5.62	3.27	7.88	5.60	3.30	8.11	5.59	3.32	8.33	5.97	3.34			
46	4.03	3.92	2.35	4.49	3.94	2.39	4.65	4.28	2.40	4.95	4.30	2.43	5.10	4.64	2.44	5.41	4.62	2.46	5.56	4.62	2.48	5.72	4.92	2.49					

OUTDOOR UNIT
AO*G30L4

OUTDOOR UNIT
AO*G30L4

● Indoor unit : 14000Btu + 14000Btu

● Indoor unit : 14000Btu + 18000Btu

● Indoor unit : 14000Btu + 24000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
14~24	Outdoor temperature	0	7.95	6.43	1.56	8.85	6.47	1.58	9.15	7.03	1.59	9.76	7.05	1.61	10.06	7.61	1.62	10.66	7.59	1.63	10.96	7.57	1.64	11.26	8.08	1.65
		5	7.56	6.25	1.81	8.42	6.29	1.84	8.70	6.84	1.85	9.28	6.87	1.86	9.57	7.41	1.87	10.14	7.38	1.89	10.43	7.37	1.90	10.71	7.86	1.91
		10	7.67	6.30	2.03	8.55	6.34	2.06	8.84	6.89	2.07	9.42	6.92	2.09	9.71	7.47	2.10	10.29	7.44	2.12	10.58	7.43	2.13	10.88	7.93	2.14
		15	8.41	6.63	2.22	9.37	6.67	2.26	9.69	7.25	2.27	10.33	7.28	2.29	10.65	7.86	2.31	11.29	7.83	2.33	11.61	7.82	2.34	11.93	8.34	2.35
		20	8.28	6.57	2.07	9.22	6.61	2.11	9.53	7.19	2.12	10.16	7.21	2.14	10.48	7.79	2.15	11.11	7.76	2.17	11.42	7.75	2.18	11.74	8.26	2.19
		25	8.84	6.82	2.89	9.85	6.87	2.93	10.19	7.46	2.94	10.86	7.49	2.97	11.20	8.08	2.99	11.87	8.06	3.02	12.20	8.04	3.03	12.54	8.58	3.05
		30	8.25	6.56	3.11	9.19	6.60	3.16	9.51	7.18	3.17	10.13	7.20	3.21	10.45	7.78	3.22	11.07	7.75	3.25	11.39	7.73	3.27	11.70	8.25	3.29
		35	7.66	6.30	3.40	8.54	6.34	3.45	8.83	6.89	3.47	9.41	6.92	3.50	9.70	7.47	3.52	10.28	7.44	3.56	10.57	7.43	3.58	10.86	7.92	3.58
		40	6.60	5.54	3.16	7.36	5.58	3.20	7.61	6.06	3.22	8.11	6.09	3.25	8.36	6.57	3.27	8.86	6.55	3.30	9.11	6.54	3.32	9.36	6.97	3.34
		46	4.29	4.29	2.35	4.77	4.50	2.39	4.94	4.89	2.40	5.26	4.90	2.43	5.43	5.29	2.44	5.75	5.27	2.46	5.91	5.27	2.48	6.08	5.62	2.48

- (04 - 15) -

Note: 3 or more indoor units should be connected.

● Indoor unit : 18000Btu + 18000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
18+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	7.63	6.14	1.43	8.50	6.18	1.45	8.79	6.71	1.46	9.37	6.74	1.47	9.66	7.28	1.48	10.24	7.25	1.50	10.53	7.24	1.50	10.82	7.72	1.51		
		5	7.21	5.96	1.72	8.04	6.00	1.74	8.31	6.51	1.75	8.86	6.54	1.77	9.13	7.06	1.78	9.68	7.03	1.80	9.95	7.02	1.81	10.23	7.49	1.82		
		10	7.34	6.01	1.87	8.18	6.05	1.90	8.46	6.58	1.91	9.01	6.60	1.93	9.29	7.13	1.94	9.85	7.10	1.96	10.13	7.09	1.97	10.41	7.56	1.97		
		15	8.46	6.50	2.18	9.43	6.54	2.21	9.75	7.11	2.22	10.39	7.14	2.25	10.71	7.71	2.26	11.35	7.68	2.28	11.68	7.66	2.29	12.00	8.18	2.30		
		20	8.27	6.42	2.07	9.21	6.46	2.10	9.53	7.02	2.11	10.16	7.05	2.13	10.47	7.61	2.15	11.10	7.58	2.17	11.41	7.57	2.18	11.73	8.07	2.19		
		25	8.55	6.54	2.75	9.52	6.58	2.79	9.84	7.15	2.81	10.49	7.18	2.84	10.82	7.75	2.85	11.47	7.72	2.88	11.79	7.71	2.89	12.12	8.22	2.91		
		30	7.96	6.28	2.97	8.87	6.32	3.02	9.17	6.87	3.03	9.77	6.90	3.06	10.08	7.45	3.08	10.68	7.42	3.11	10.98	7.41	3.12	11.29	7.90	3.14		
		35	7.66	6.15	3.40	8.54	6.19	3.45	8.83	6.73	3.47	9.41	6.76	3.50	9.70	7.29	3.52	10.28	7.27	3.56	10.57	7.25	3.58	10.86	7.74	3.58		
		40	6.42	5.42	3.16	7.15	5.45	3.20	7.40	5.92	3.22	7.88	5.95	3.25	8.13	6.42	3.27	8.62	6.39	3.30	8.86	6.38	3.32	9.10	6.81	3.34		
46	4.22	4.22	2.35	4.70	4.36	2.39	4.86	4.73	2.40	5.19	4.75	2.43	5.35	5.13	2.44	5.67	5.11	2.46	5.83	5.10	2.48	5.99	5.44	2.49				

● Indoor unit : 18000Btu + 24000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
18+24	Outdoor temperature	0	8.64	6.82	1.81	9.63	6.87	1.84	9.96	7.46	1.85	10.61	7.49	1.86	10.94	8.09	1.87	11.60	8.06	1.89	11.93	8.04	1.90	12.25	8.58	1.91		
		5	8.34	6.69	1.96	9.29	6.74	1.99	9.61	7.32	2.00	10.24	7.35	2.02	10.56	7.93	2.03	11.19	7.90	2.05	11.51	7.89	2.06	11.83	8.42	2.08		
		10	8.40	6.72	2.02	9.35	6.76	2.05	9.67	7.35	2.06	10.31	7.37	2.08	10.63	7.96	2.10	11.27	7.93	2.12	11.59	7.92	2.13	11.91	8.45	2.14		
		15	8.48	6.75	1.80	9.45	6.80	1.83	9.77	7.39	1.84	10.42	7.42	1.85	10.74	8.00	1.86	11.38	7.98	1.88	11.71	7.96	1.89	12.03	8.49	1.90		
		20	8.46	6.75	2.08	9.43	6.79	2.11	9.75	7.38	2.12	10.39	7.41	2.14	10.71	7.99	2.15	11.35	7.97	2.18	11.68	7.95	2.19	12.00	8.48	2.20		
		25	8.95	6.95	2.94	9.97	7.00	2.98	10.31	7.61	3.00	10.99	7.64	3.03	11.33	8.24	3.05	12.01	8.21	3.08	12.35	8.20	3.09	12.69	8.74	3.11		
		30	8.39	6.71	3.16	9.34	6.76	3.21	9.66	7.34	3.22	10.30	7.37	3.26	10.62	7.96	3.27	11.25	7.93	3.30	11.57	7.91	3.32	11.89	8.44	3.34		
		35	7.82	6.47	3.40	8.71	6.51	3.45	9.01	7.07	3.47	9.60	7.10	3.50	9.90	7.67	3.52	10.49	7.64	3.56	10.79	7.62	3.58	11.09	8.13	3.58		
		40	6.97	5.69	3.16	7.76	5.73	3.20	8.03	6.23	3.22	8.56	6.25	3.25	8.82	6.75	3.27	9.35	6.72	3.30	9.61	6.71	3.32	9.88	7.16	3.34		
		46	4.41	4.41	2.35	4.92	4.65	2.39	5.08	5.06	2.40	5.42	5.08	2.43	5.59	5.48	2.44	5.92	5.46	2.46	6.09	5.45	2.48	6.26	5.81	2.49		

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

Note: The total capacity of connected a indoor unit is up to 49000Btu from 27000Btu.

● Indoor unit : 7000Btu + 7000Btu + 7000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+7+7	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	5.64	4.46	1.00	6.28	4.49	1.01	6.50	4.87	1.02	6.93	4.89	1.03	7.14	5.28	1.03	7.57	5.26	1.04	7.78	5.25	1.05	8.00	5.60	1.05		
		5	5.27	4.28	1.13	5.87	4.31	1.15	6.07	4.68	1.16	6.47	4.70	1.17	6.67	5.08	1.17	7.07	5.06	1.19	7.27	5.05	1.19	7.47	5.39	1.20		
		10	5.26	4.28	1.33	5.86	4.31	1.35	6.06	4.68	1.36	6.46	4.70	1.37	6.66	5.07	1.38	7.05	5.05	1.39	7.25	5.04	1.40	7.45	5.38	1.40		
		15	5.29	4.29	1.15	5.90	4.32	1.17	6.10	4.70	1.17	6.50	4.72	1.18	6.70	5.09	1.19	7.10	5.07	1.20	7.30	5.06	1.21	7.50	5.40	1.21		
		20	6.75	4.97	1.50	7.51	5.00	1.52	7.77	5.44	1.53	8.28	5.46	1.55	8.54	5.89	1.56	9.05	5.87	1.57	9.31	5.86	1.58	9.56	6.25	1.59		
		25	6.49	4.86	1.70	7.23	4.89	1.73	7.48	5.31	1.74	7.97	5.33	1.75	8.22	5.75	1.76	8.71	5.73	1.78	8.96	5.72	1.79	9.21	6.10	1.80		
		30	6.01	4.63	1.86	6.69	4.66	1.89	6.92	5.06	1.90	7.38	5.08	1.92	7.60	5.48	1.93	8.06	5.46	1.95	8.29	5.45	1.96	8.52	5.82	1.97		
		35	5.93	4.59	2.35	6.60	4.62	2.39	6.83	5.02	2.40	7.28	5.04	2.43	7.50	5.44	2.44	7.95	5.42	2.46	8.18	5.41	2.48	8.40	5.77	2.49		
		40	5.78	4.29	2.75	6.44	4.32	2.79	6.66	4.70	2.81	7.10	4.71	2.84	7.32	5.09	2.85	7.76	5.07	2.88	7.98	5.06	2.89	8.20	5.40	2.91		
46	3.88	3.76	2.12	4.32	3.79	2.16	4.47	4.11	2.17	4.76	4.13	2.19	4.91	4.46	2.20	5.20	4.44	2.22	5.35	4.43	2.23	5.50	4.73	2.24				

● Indoor unit : 7000Btu + 7000Btu + 9000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+7+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	5.45	4.45	1.02	6.07	4.47	1.04	6.28	4.86	1.05	6.69	4.88	1.06	6.90	5.27	1.06	7.31	5.25	1.07	7.52	5.24	1.08	7.73	5.59	1.08		
		5	5.08	4.28	1.15	5.66	4.30	1.17	5.86	4.68	1.18	6.24	4.69	1.19	6.43	5.07	1.20	6.82	5.05	1.21	7.01	5.04	1.21	7.21	5.38	1.22		
		10	5.10	4.29	1.35	5.69	4.31	1.37	5.88	4.69	1.38	6.27	4.71	1.39	6.46	5.08	1.40	6.85	5.06	1.41	7.04	5.05	1.42	7.24	5.39	1.42		
		15	5.52	4.48	1.19	6.15	4.51	1.21	6.36	4.90	1.22	6.78	4.92	1.23	6.99	5.31	1.24	7.41	5.29	1.25	7.62	5.28	1.25	7.83	5.63	1.26		
		20	7.06	5.19	1.60	7.86	5.22	1.63	8.13	5.68	1.63	8.67	5.70	1.65	8.94	6.15	1.66	9.47	6.13	1.68	9.74	6.12	1.68	10.01	6.53	1.69		
		25	6.78	5.06	1.83	7.55	5.09	1.86	7.81	5.54	1.87	8.33	5.56	1.89	8.58	6.00	1.90	9.10	5.98	1.92	9.36	5.97	1.93	9.61	6.36	1.94		
		30	6.27	4.83	2.00	6.99	4.86	2.03	7.23	5.28	2.04	7.70	5.30	2.06	7.94	5.72	2.07	8.42	5.70	2.09	8.66	5.69	2.10	8.89	6.07	2.11		
		35	6.08	4.74	2.46	6.78	4.77	2.50	7.01	5.18	2.51	7.47	5.20	2.54	7.70	5.62	2.55	8.16	5.60	2.58	8.39	5.58	2.59	8.62	5.96	2.60		
		40	5.86	4.44	2.88	6.53	4.47	2.92	6.75	4.85	2.94	7.19	4.87	2.97	7.41	5.26	2.98	7.86	5.24	3.01	8.08	5.23	3.02	8.30	5.58	3.04		
46	3.92	3.82	2.26	4.37	3.85	2.29	4.51	4.18	2.30	4.81	4.20	2.33	4.96	4.53	2.34	5.26	4.52	2.36	5.41	4.51	2.38	5.56	4.81	2.39				

● Indoor unit : 7000Btu + 7000Btu + 12000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+7+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	5.44	4.43	1.21	6.05	4.46	1.23	6.26	4.84	1.23	6.67	4.86	1.25	6.88	5.25	1.25	7.29	5.23	1.27	7.50	5.22	1.27	7.71	5.57	1.28		
		5	5.07	4.26	1.35	5.64	4.29	1.37	5.84	4.66	1.37	6.22	4.68	1.39	6.41	5.05	1.39	6.80	5.04	1.41	6.99	5.03	1.42	7.18	5.36	1.42		
		10	5.12	4.29	1.06	5.71	4.32	1.07	5.90	4.69	1.08	6.29	4.71	1.09	6.49	5.08	1.10	6.88	5.07	1.11	7.07	5.06	1.11	7.27	5.40	1.12		
		15	6.85	5.15	1.50	7.63	5.18	1.52	7.89	5.63	1.53	8.41	5.65	1.54	8.67	6.10	1.55	9.19	6.08	1.57	9.45	6.07	1.57	9.71	6.47	1.58		
		20	7.32	5.36	1.78	8.15	5.39	1.80	8.43	5.86	1.81	8.99	5.88	1.83	9.26	6.35	1.84	9.82	6.32	1.86	10.10	6.31	1.87	10.37	6.73	1.88		
		25	7.00	5.21	2.06	7.80	5.25	2.09	8.06	5.70	2.10	8.60	5.72	2.12	8.86	6.18	2.13	9.39	6.16	2.15	9.66	6.15	2.17	9.93	6.56	2.18		
		30	6.48	4.98	2.24	7.22	5.01	2.28	7.47	5.45	2.29	7.96	5.47	2.31	8.21	5.90	2.32	8.70	5.88	2.35	8.94	5.87	2.36	9.19	6.26	2.37		
		35	6.48	4.98	2.80	7.22	5.01	2.84	7.46	5.45	2.86	7.95	5.47	2.89	8.20	5.90	2.90	8.69	5.88	2.93	8.94	5.87	2.94	9.18	6.26	2.96		
		40	5.97	4.66	3.16	6.65	4.69	3.20	6.88	5.09	3.22	7.33	5.11	3.25	7.56	5.52	3.27	8.01	5.50	3.30	8.24	5.49	3.32	8.46	5.85	3.34		
46	3.98	3.92	2.35	4.43	3.94	2.39	4.58	4.29	2.40	4.89	4.30	2.43	5.04	4.64	2.44	5.34	4.63	2.46	5.49	4.62	2.48	5.64	4.93	2.49				

● Indoor unit : 7000Btu + 7000Btu + 14000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+7+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	6.97	5.58	1.69	7.76	5.61	1.71	8.02	6.10	1.72	8.55	6.12	1.74	8.82	6.61	1.75	9.35	6.59	1.77	9.61	6.57	1.77	9.87	7.01	1.78
		5	6.50	5.36	1.86	7.24	5.40	1.89	7.48	5.87	1.90	7.98	5.89	1.92	8.22	6.36	1.93	8.72	6.33	1.95	8.96	6.32	1.96	9.21	6.74	1.97
		10	6.60	5.41	1.50	7.35	5.44	1.52	7.60	5.91	1.53	8.10	5.94	1.54	8.35	6.41	1.55	8.85	6.39	1.57	9.10	6.37	1.57	9.35	6.80	1.58
		15	6.73	5.47	1.65	7.50	5.50	1.67	7.75	5.98	1.68	8.26	6.01	1.70	8.52	6.48	1.71	9.03	6.46	1.73	9.29	6.45	1.73	9.54	6.88	1.74
		20	7.22	5.69	1.91	8.04	5.73	1.94	8.32	6.23	1.95	8.87	6.25	1.97	9.14	6.75	1.98	9.69	6.72	2.00	9.96	6.71	2.01	10.24	7.16	2.02
		25	6.89	5.54	2.23	7.67	5.58	2.27	7.93	6.06	2.28	8.46	6.08	2.30	8.72	6.57	2.32	9.24	6.54	2.34	9.50	6.53	2.35	9.76	6.97	2.36
		30	6.38	5.31	2.43	7.11	5.34	2.47	7.35	5.81	2.48	7.84	5.83	2.50	8.08	6.29	2.52	8.56	6.27	2.54	8.80	6.26	2.56	9.05	6.68	2.57
		35	7.03	5.61	3.31	7.83	5.64	3.36	8.10	6.13	3.38	8.63	6.16	3.41	8.90	6.65	3.43	9.43	6.62	3.46	9.70	6.61	3.48	9.97	7.05	3.50
		40	6.05	4.80	3.16	6.73	4.83	3.20	6.96	5.25	3.22	7.42	5.27	3.25	7.65	5.69	3.27	8.11	5.67	3.30	8.34	5.66	3.32	8.57	6.04	3.34
46	4.02	3.98	2.35	4.48	4.01	2.39	4.63	4.36	2.40	4.94	4.37	2.43	5.09	4.72	2.44	5.39	4.70	2.46	5.55	4.69	2.48	5.70	5.01	2.49		

OUTDOOR UNIT
AO*G30L4

		Indoor temperature																											
		°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
7+7+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	7.48	6.05	1.24	8.33	6.09	1.26	8.61	6.61	1.27	9.18	6.64	1.28	9.47	7.17	1.29	10.03	7.14	1.30	10.32	7.13	1.31	10.60	7.60	1.31			
		5	7.01	5.84	1.61	7.81	5.88	1.63	8.07	6.39	1.64	8.61	6.41	1.66	8.87	6.92	1.67	9.40	6.90	1.68	9.67	6.88	1.69	9.94	7.34	1.70			
		10	7.14	5.90	1.64	7.95	5.94	1.66	8.23	6.45	1.67	8.77	6.48	1.69	9.04	6.99	1.70	9.58	6.96	1.71	9.85	6.95	1.72	10.12	7.42	1.73			
		15	7.81	6.19	1.86	8.70	6.23	1.89	8.99	6.77	1.90	9.59	6.80	1.92	9.88	7.34	1.93	10.48	7.31	1.95	10.77	7.30	1.96	11.07	7.79	1.97			
		20	8.52	6.51	2.08	9.49	6.55	2.12	9.81	7.12	2.13	10.46	7.14	2.15	10.78	7.71	2.16	11.43	7.68	2.18	11.76	7.67	2.19	12.08	8.18	2.20			
		25	8.88	6.66	2.72	9.89	6.71	2.77	10.23	7.29	2.78	10.90	7.32	2.81	11.24	7.90	2.82	11.91	7.87	2.85	12.25	7.86	2.86	12.58	8.38	2.88			
		30	8.24	6.38	2.95	9.18	6.43	2.99	9.49	6.98	3.01	10.12	7.01	3.04	10.43	7.57	3.06	11.06	7.54	3.09	11.37	7.53	3.10	11.69	8.03	3.12			
		35	7.90	6.23	3.43	8.80	6.27	3.48	9.10	6.82	3.50	9.70	6.84	3.53	10.00	7.39	3.55	10.60	7.36	3.58	10.90	7.35	3.58	11.20	7.84	3.58			
		40	6.22	5.49	3.16	6.93	5.52	3.20	7.16	6.00	3.22	7.63	6.02	3.25	7.87	6.50	3.27	8.34	6.48	3.30	8.58	6.47	3.32	8.81	6.90	3.34			
46	4.10	4.10	2.35	4.57	4.13	2.39	4.72	4.49	2.40	5.03	4.51	2.43	5.19	4.87	2.44	5.50	4.85	2.46	5.66	4.84	2.48	5.81	5.17	2.49					

		Indoor temperature																										
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
7+T+24	Outdoor temperature	0	8.27	6.62	1.56	9.22	6.67	1.59	9.53	7.24	1.60	10.16	7.27	1.61	10.47	7.85	1.62	11.10	7.82	1.64	11.42	7.81	1.64	11.73	8.33	1.65		
		5	7.87	6.45	1.81	8.76	6.49	1.84	9.06	7.05	1.85	9.66	7.08	1.87	9.96	7.64	1.88	10.56	7.61	1.90	10.86	7.60	1.91	11.16	8.11	1.92		
		10	7.99	6.50	2.03	8.90	6.54	2.07	9.20	7.11	2.08	9.81	7.13	2.10	10.11	7.70	2.11	10.72	7.67	2.13	11.02	7.66	2.14	11.32	8.17	2.15		
		15	8.76	6.84	2.23	9.76	6.88	2.27	10.09	7.48	2.28	10.76	7.51	2.30	11.09	8.10	2.31	11.76	8.07	2.34	12.09	8.06	2.35	12.42	8.60	2.36		
		20	8.62	6.77	2.08	9.60	6.82	2.11	9.93	7.41	2.12	10.58	7.44	2.14	10.91	8.03	2.15	11.56	8.00	2.18	11.89	7.99	2.19	12.22	8.52	2.20		
		25	9.21	7.03	2.89	10.26	7.08	2.94	10.61	7.69	2.95	11.31	7.72	2.98	11.66	8.33	3.00	12.36	8.30	3.03	12.71	8.29	3.04	13.06	8.84	3.06		
		30	8.59	6.76	3.12	9.57	6.81	3.17	9.90	7.40	3.18	10.55	7.43	3.22	10.88	8.02	3.23	11.53	7.99	3.26	11.86	7.97	3.28	12.18	8.50	3.30		
		35	7.98	6.49	3.41	8.89	6.54	3.46	9.19	7.10	3.48	9.80	7.13	3.51	10.10	7.70	3.53	10.71	7.67	3.58	11.01	7.66	3.58	11.31	8.17	3.58		
		40	6.42	5.52	3.16	7.15	5.56	3.20	7.49	6.04	3.22	7.89	6.06	3.25	8.13	6.55	3.27	8.62	6.52	3.30	8.86	6.51	3.32	9.11	6.95	3.34		
		46	4.22	4.22	2.35	4.70	4.32	2.39	4.86	4.70	2.40	5.18	4.72	2.43	5.34	5.09	2.44	5.66	5.07	2.46	5.82	5.06	2.48	5.98	5.40	2.49		

		Indoor temperature																											
		°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
71-91-9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	5.82	4.75	1.19	6.49	4.78	1.21	6.71	5.20	1.22	7.15	5.22	1.23	7.37	5.63	1.24	7.81	5.61	1.25	8.03	5.60	1.25	8.25	5.97	1.26			
		5	5.43	4.57	1.33	6.04	4.60	1.35	6.25	5.00	1.36	6.66	5.02	1.37	6.87	5.42	1.38	7.28	5.40	1.39	7.49	5.39	1.40	7.69	5.75	1.41			
		10	5.48	4.60	1.55	6.10	4.62	1.57	6.31	5.03	1.58	6.73	5.05	1.60	6.93	5.45	1.60	7.35	5.43	1.62	7.56	5.42	1.63	7.77	5.78	1.64			
		15	6.95	5.24	1.48	7.74	5.27	1.50	8.00	5.73	1.51	8.53	5.75	1.52	8.79	6.21	1.53	9.32	6.19	1.55	9.58	6.18	1.56	9.85	6.59	1.56			
		20	7.41	5.45	1.77	8.25	5.48	1.80	8.53	5.96	1.81	9.09	5.98	1.83	9.38	6.46	1.84	9.94	6.43	1.86	10.22	6.42	1.87	10.50	6.85	1.88			
		25	7.10	5.31	2.05	7.91	5.34	2.08	8.17	5.80	2.09	8.71	5.83	2.11	8.98	6.29	2.12	9.52	6.27	2.14	9.79	6.26	2.15	10.06	6.67	2.17			
		30	6.57	5.07	2.23	7.32	5.10	2.27	7.57	5.54	2.28	8.07	5.56	2.30	8.31	6.01	2.31	8.81	5.99	2.34	9.06	5.97	2.35	9.31	6.37	2.36			
		35	6.56	5.06	2.28	7.30	5.10	2.84	7.55	5.54	2.86	8.05	5.56	2.89	8.30	6.00	2.90	8.80	5.98	2.93	9.05	5.97	2.94	9.30	6.37	2.96			
		40	5.93	4.58	3.16	6.61	4.61	3.20	6.83	5.01	3.22	7.28	5.03	3.25	7.51	5.43	3.27	7.96	5.41	3.30	8.19	5.40	3.32	8.41	5.76	3.34			
46	3.96	3.89	2.35	4.41	3.91	2.39	4.56	4.25	2.40	4.86	4.27	2.43	5.01	4.61	2.44	5.31	4.59	2.46	5.46	4.58	2.48	5.61	4.89	2.49					

		Indoor temperature																											
		°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
7+9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	6.97	5.35	1.68	7.76	5.38	1.70	8.02	5.85	1.71	8.55	5.87	1.73	8.82	6.34	1.74	9.35	6.31	1.76	9.61	6.30	1.76	9.87	6.72	1.77			
		5	6.50	5.14	1.85	7.24	5.18	1.88	7.48	5.62	1.89	7.98	5.65	1.91	8.22	6.09	1.92	8.72	6.07	1.94	8.96	6.06	1.95	9.21	6.47	1.96			
		10	6.60	5.19	1.49	7.35	5.22	1.51	7.60	5.67	1.52	8.10	5.69	1.53	8.35	6.15	1.54	8.85	6.12	1.56	9.10	6.11	1.56	9.35	6.52	1.57			
		15	6.73	5.24	1.64	7.50	5.28	1.66	7.75	5.74	1.67	8.26	5.76	1.69	8.52	6.22	1.70	9.03	6.19	1.72	9.29	6.18	1.72	9.54	6.59	1.73			
		20	7.22	5.46	1.90	8.04	5.50	1.93	8.32	5.97	1.94	8.87	5.99	1.96	9.14	6.47	1.97	9.69	6.45	1.99	9.96	6.44	2.00	10.24	6.87	2.01			
		25	6.89	5.31	2.22	7.67	5.35	2.26	7.93	5.81	2.27	8.46	5.83	2.29	8.72	6.30	2.30	9.24	6.27	2.33	9.50	6.26	2.34	9.76	6.68	2.35			
		30	6.38	5.09	2.42	7.11	5.12	2.45	7.35	5.57	2.47	7.84	5.59	2.49	8.08	6.03	2.50	8.56	6.01	2.53	8.80	6.00	2.54	9.05	6.40	2.55			
		35	7.03	5.38	3.29	7.83	5.41	3.34	8.10	5.88	3.36	8.63	5.90	3.39	8.90	6.37	3.41	9.43	6.35	3.44	9.70	6.34	3.46	9.97	6.76	3.48			
		40	6.05	4.80	3.16	6.73	4.83	3.20	6.96	5.25	3.22	7.42	5.27	3.25	7.65	5.69	3.27	8.11	5.67	3.30	8.34	5.66	3.32	8.57	6.04	3.34			
46	4.02	3.98	2.35	4.48	4.01	2.39	4.63	4.36	2.40	4.94	4.37	2.43	5.09	4.72	2.44	5.39	4.70	2.46	5.55	4.69	2.48	5.70	5.01	2.49					

● Indoor unit : 7000Btu + 9000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
7+9+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	6.79	5.29	1.68	7.56	5.33	1.71	7.82	5.79	1.72	8.33	5.81	1.73	8.59	6.27	1.74	9.11	6.25	1.76	9.36	6.24	1.77	9.62	6.66	1.78			
		5	6.34	5.10	1.84	7.06	5.13	1.87	7.31	5.58	1.88	7.79	5.60	1.90	8.03	6.05	1.91	8.51	6.02	1.93	8.75	6.01	1.94	8.99	6.41	1.95			
		10	6.45	5.15	1.51	7.19	5.18	1.53	7.43	5.63	1.54	7.92	5.65	1.56	8.17	6.10	1.57	8.66	6.08	1.58	8.90	6.07	1.59	9.15	6.48	1.60			
		15	6.98	5.36	1.75	7.78	5.39	1.78	8.04	5.86	1.78	8.57	5.88	1.80	8.84	6.35	1.81	9.37	6.32	1.83	9.63	6.31	1.84	9.90	6.73	1.85			
		20	7.58	5.62	2.00	8.44	5.65	2.03	8.73	6.14	2.04	9.31	6.16	2.06	9.60	6.65	2.07	10.17	6.63	2.09	10.46	6.62	2.10	10.75	7.06	2.11			
		25	7.21	5.45	2.35	8.03	5.49	2.39	8.30	5.96	2.40	8.85	5.99	2.43	9.12	6.46	2.44	9.67	6.44	2.46	9.94	6.43	2.48	10.22	6.86	2.49			
		30	6.68	5.23	2.56	7.45	5.26	2.59	7.70	5.72	2.61	8.21	5.74	2.63	8.46	6.19	2.65	8.97	6.17	2.67	9.22	6.16	2.69	9.48	6.57	2.70			
		35	7.03	5.38	3.29	7.83	5.41	3.34	8.10	5.88	3.36	8.63	5.90	3.39	8.90	6.37	3.41	9.43	6.35	3.44	9.70	6.34	3.46	9.97	6.76	3.48			
		40	6.12	4.95	3.16	6.82	4.98	3.20	7.05	5.41	3.22	7.52	5.43	3.25	7.75	5.86	3.27	8.21	5.84	3.30	8.45	5.83	3.32	8.68	6.22	3.34			
		46	4.06	4.05	2.35	4.52	4.07	2.39	4.68	4.42	2.40	4.99	4.44	2.43	5.14	4.79	2.44	5.45	4.78	2.46	5.60	4.77	2.48	5.76	5.09	2.49			

● Indoor unit : 7000Btu + 9000Btu + 18000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+9+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	7.21	5.79	1.39	8.03	5.82	1.41	8.31	6.33	1.42	8.86	6.35	1.43	9.13	6.86	1.44	9.68	6.83	1.45	9.95	6.82	1.46	10.23	7.28	1.47		
		5	6.79	5.60	1.73	7.56	5.63	1.76	7.82	6.12	1.77	8.33	6.14	1.78	8.59	6.63	1.79	9.10	6.61	1.81	9.36	6.60	1.82	9.62	7.04	1.83		
		10	6.91	5.65	1.82	7.70	5.69	1.85	7.96	6.18	1.86	8.49	6.21	1.88	8.75	6.70	1.89	9.28	6.68	1.91	9.54	6.66	1.92	9.80	7.11	1.93		
		15	7.41	5.87	2.00	8.25	5.91	2.03	8.54	6.42	2.04	9.10	6.45	2.06	9.38	6.96	2.07	9.94	6.94	2.09	10.22	6.92	2.11	10.51	7.39	2.12		
		20	7.76	6.03	2.09	8.64	6.07	2.12	8.93	6.59	2.13	9.52	6.62	2.16	9.82	7.14	2.17	10.41	7.12	2.19	10.70	7.10	2.20	11.00	7.58	2.21		
		25	8.05	6.16	2.76	8.97	6.20	2.80	9.27	6.73	2.81	9.88	6.76	2.84	10.19	7.30	2.86	10.80	7.27	2.88	11.11	7.26	2.90	11.41	7.74	2.91		
		30	7.48	5.91	2.98	8.34	5.94	3.03	8.62	6.46	3.04	9.19	6.48	3.07	9.47	7.00	3.09	10.04	6.97	3.12	10.33	6.96	3.13	10.61	7.43	3.15		
		35	7.19	5.78	3.44	8.01	5.81	3.49	8.28	6.32	3.51	8.83	6.34	3.54	9.10	6.84	3.56	9.65	6.82	3.58	9.92	6.81	3.58	10.19	7.26	3.58		
		40	6.27	5.23	3.16	6.99	5.27	3.20	7.22	5.72	3.22	7.70	5.75	3.25	7.94	6.20	3.27	8.42	6.18	3.30	8.65	6.17	3.32	8.89	6.58	3.34		
46	4.14	4.14	2.35	4.61	4.20	2.39	4.77	4.56	2.40	5.08	4.58	2.43	5.24	4.94	2.44	5.56	4.93	2.46	5.71	4.92	2.48	5.87	5.24	2.49				

● Indoor unit : 7000Btu + 9000Btu + 24000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
7+9+24	Outdoor temperature	0	8.31	6.80	1.62	9.26	6.85	1.65	9.57	7.44	1.66	10.20	7.47	1.67	10.52	8.06	1.68	11.15	8.03	1.70	11.46	8.02	1.71	11.78	8.55	1.72
		5	7.96	6.65	1.82	8.86	6.69	1.85	9.17	7.27	1.86	9.77	7.30	1.88	10.07	7.88	1.89	10.68	7.85	1.91	10.98	7.84	1.92	11.28	8.36	1.92
		10	8.05	6.69	1.88	8.96	6.73	1.91	9.27	7.32	1.92	9.88	7.34	1.94	10.19	7.93	1.95	10.80	7.90	1.97	11.10	7.88	1.98	11.41	8.41	1.99
		15	8.71	6.95	2.28	9.70	6.99	2.31	10.03	7.60	2.33	10.69	7.63	2.35	11.02	8.23	2.36	11.69	8.20	2.38	12.02	8.19	2.40	12.35	8.74	2.41
		20	8.63	6.91	2.08	9.61	6.96	2.11	9.94	7.56	2.12	10.59	7.59	2.15	10.92	8.19	2.16	11.57	8.16	2.18	11.90	8.15	2.19	12.23	8.69	2.20
		25	9.17	7.15	2.92	10.21	7.20	2.97	10.56	7.82	2.98	11.26	7.85	3.01	11.61	8.47	3.03	12.30	8.44	3.06	12.65	8.43	3.07	13.00	8.99	3.09
		30	8.58	6.89	3.14	9.55	6.93	3.19	9.88	7.53	3.21	10.53	7.56	3.24	10.85	8.16	3.26	11.51	8.14	3.29	11.83	8.12	3.30	12.16	8.66	3.32
		35	7.98	6.63	3.41	8.89	6.67	3.46	9.19	7.25	3.48	9.80	7.28	3.51	10.10	7.85	3.53	10.71	7.83	3.58	11.01	7.81	3.58	11.31	8.33	3.58
		40	6.50	5.67	3.16	7.24	5.70	3.20	7.49	6.20	3.22	7.98	6.22	3.25	8.23	6.72	3.27	8.72	6.69	3.30	8.97	6.68	3.32	9.21	7.13	3.34
		46	4.26	4.26	2.35	4.75	4.39	2.39	4.91	4.77	2.40	5.23	4.79	2.43	5.39	5.17	2.44	5.72	5.15	2.46	5.88	5.14	2.48	6.04	5.48	2.49

● Indoor unit : 7000Btu + 12000Btu + 12000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+12+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	6.84	5.48	1.77	7.62	5.51	1.80	7.88	5.99	1.80	8.39	6.01	1.82	8.65	6.49	1.83	9.17	6.47	1.85	9.43	6.45	1.86	9.69	6.88	1.87		
		5	6.40	5.28	1.93	7.13	5.32	1.96	7.37	5.78	1.97	7.86	5.80	1.99	8.10	6.26	2.00	8.58	6.24	2.02	8.83	6.23	2.03	9.07	6.64	2.04		
		10	6.52	5.33	1.60	7.26	5.37	1.62	7.50	5.83	1.63	8.00	5.86	1.65	8.25	6.32	1.66	8.74	6.30	1.67	8.99	6.29	1.68	9.24	6.71	1.69		
		15	7.12	5.60	1.84	7.93	5.64	1.86	8.20	6.13	1.87	8.74	6.15	1.89	9.01	6.64	1.90	9.56	6.61	1.92	9.83	6.60	1.93	10.10	7.04	1.94		
		20	7.75	5.88	2.08	8.63	5.92	2.11	8.93	6.43	2.12	9.52	6.45	2.14	9.81	6.91	2.15	10.40	6.94	2.17	10.70	6.93	2.18	10.99	7.39	2.19		
		25	7.36	5.70	2.46	8.19	5.74	2.49	8.47	6.24	2.51	9.03	6.26	2.53	9.31	6.76	2.55	9.87	6.74	2.57	10.15	6.72	2.58	10.43	7.17	2.60		
		30	6.83	5.47	2.66	7.60	5.51	2.70	7.86	5.98	2.72	8.38	6.01	2.75	8.64	6.48	2.76	9.16	6.46	2.79	9.42	6.45	2.80	9.68	6.88	2.81		
		35	7.19	5.63	3.42	8.01	5.67	3.47	8.28	6.16	3.49	8.83	6.18	3.52	9.10	6.67	3.54	9.65	6.65	3.58	9.92	6.64	3.58	10.19	7.08	3.58		
		40	6.16	5.02	3.16	6.86	5.05	3.20	7.09	5.49	3.22	7.56	5.51	3.25	7.80	5.95	3.27	8.26	5.92	3.30	8.50	5.91	3.32	8.73	6.31	3.34		
46	4.08	4.08	2.35	4.55	4.10	2.39	4.70	4.46	2.40	5.01	4.48	2.43	5.17	4.83	2.44	5.48	4.81	2.46	5.63	4.81	2.48	5.79	5.13	2.49				

● Indoor unit : 7000Btu + 12000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
7+12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	6.92	5.63	1.27	7.71	5.66	1.29	7.97	6.15	1.30	8.49	6.18	1.31	8.76	6.67	1.32	9.28	6.64	1.33	9.55	6.63	1.34	9.81	7.07	1.34			
		5	6.50	5.44	1.62	7.24	5.47	1.64	7.48	5.95	1.65	7.98	5.97	1.67	8.22	6.45	1.67	8.72	6.42	1.69	8.96	6.41	1.70	9.21	6.84	1.71			
		10	6.62	5.49	1.67	7.37	5.53	1.70	7.62	6.01	1.71	8.13	6.03	1.72	8.38	6.51	1.73	8.88	6.49	1.75	9.13	6.48	1.76	9.38	6.91	1.77			
		15	7.51	5.86	1.98	8.37	5.90	2.01	8.65	6.41	2.02	9.22	6.43	2.04	9.51	6.95	2.05	10.08	6.92	2.07	10.36	6.91	2.08	10.65	7.37	2.09			
		20	7.84	6.00	2.09	8.73	6.04	2.12	9.03	6.57	2.13	9.63	6.59	2.15	9.92	7.12	2.17	10.52	7.09	2.19	10.82	7.08	2.20	11.11	7.55	2.21			
		25	8.15	6.14	2.74	9.08	6.18	2.79	9.39	6.72	2.80	10.01	6.74	2.83	10.32	7.28	2.84	10.94	7.25	2.87	11.25	7.24	2.89	11.56	7.72	2.90			
		30	7.57	5.89	2.97	8.44	5.93	3.02	8.73	6.44	3.03	9.30	6.46	3.06	9.59	6.98	3.08	10.16	6.95	3.11	10.45	6.94	3.12	10.74	7.40	3.14			
		35	7.27	5.75	3.44	8.10	5.79	3.49	8.37	6.29	3.51	8.92	6.32	3.54	9.20	6.82	3.56	9.75	6.79	3.58	10.03	6.78	3.58	10.30	7.23	3.58			
		40	6.23	5.16	3.16	6.94	5.20	3.20	7.18	5.65	3.22	7.66	5.67	3.25	7.89	6.12	3.27	8.37	6.10	3.30	8.60	6.08	3.32	8.84	6.49	3.34			
46	4.12	4.12	2.35	4.59	4.17	2.39	4.75	4.53	2.40	5.06	4.54	2.43	5.22	4.91	2.44	5.53	4.89	2.46	5.69	4.88	2.48	5.84	5.21	2.49					

● Indoor unit : 7000Btu + 12000Btu + 18000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
7+12+18	Outdoor temperature	0	8.14	6.48	1.55	9.06	6.52	1.57	9.37	7.08	1.58	9.99	7.11	1.59	10.30	7.68	1.60	10.92	7.65	1.62	11.23	7.63	1.63	11.53	8.14	1.63			
		5	7.71	6.29	1.83	8.59	6.33	1.85	8.89	6.88	1.86	9.47	6.91	1.88	9.76	7.46	1.89	10.35	7.43	1.91	10.64	7.42	1.92	10.94	7.91	1.93			
		10	7.84	6.35	2.02	8.73	6.39	2.05	9.03	6.94	2.06	9.63	6.97	2.08	9.93	7.52	2.09	10.52	7.50	2.11	10.82	7.48	2.12	11.12	7.98	2.13			
		15	8.61	6.68	2.23	9.59	6.73	2.26	9.92	7.31	2.27	10.57	7.34	2.30	10.90	7.92	2.31	11.56	7.89	2.33	11.88	7.88	2.34	12.21	8.41	2.35			
		20	8.45	6.61	2.10	9.41	6.65	2.13	9.73	7.23	2.14	10.37	7.26	2.16	10.69	7.84	2.17	11.33	7.81	2.19	11.65	7.79	2.20	11.97	8.31	2.21			
		25	9.04	6.87	2.90	10.08	6.92	2.95	10.42	7.52	2.96	11.11	7.55	2.99	11.45	8.15	3.01	12.14	8.12	3.04	12.48	8.10	3.05	12.82	8.64	3.07			
		30	8.43	6.61	3.13	9.39	6.65	3.18	9.71	7.22	3.20	10.35	7.25	3.23	10.67	7.83	3.25	11.31	7.80	3.28	11.63	7.79	3.30	11.95	8.31	3.31			
		35	7.82	6.34	3.44	8.71	6.38	3.49	9.01	6.93	3.51	9.60	6.96	3.54	9.90	7.51	3.56	10.49	7.48	3.58	10.79	7.47	3.58	11.09	7.97	3.58			
		40	6.39	5.45	3.16	7.11	5.49	3.20	7.36	5.96	3.22	7.84	5.99	3.25	8.08	6.46	3.27	8.57	6.44	3.30	8.81	6.43	3.32	9.05	6.85	3.34			
46	4.20	4.20	2.35	4.68	4.29	2.39	4.84	4.66	2.40	5.16	4.68	2.43	5.32	5.06	2.44	5.64	5.04	2.46	5.80	5.03	2.48	5.96	5.36	2.49					

● Indoor unit : 7000Btu + 12000Btu + 24000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
7+12+24	Outdoor temperature	0	8.80	7.05	1.86	9.80	7.09	1.89	10.14	7.71	1.90	10.81	7.74	1.92	11.14	8.35	1.93	11.81	8.32	1.95	12.14	8.30	1.96	12.48	8.86	1.97			
		5	8.53	6.93	1.99	9.50	6.97	2.02	9.83	7.58	2.03	10.47	7.61	2.05	10.80	8.21	2.06	11.45	8.18	2.08	11.77	8.17	2.09	12.09	8.71	2.10			
		10	8.56	6.94	2.05	9.54	6.99	2.08	9.86	7.59	2.09	10.51	7.62	2.11	10.84	8.23	2.12	11.49	8.20	2.14	11.81	8.18	2.15	12.14	8.73	2.16			
		15	8.63	6.97	1.82	9.61	7.02	1.85	9.94	7.62	1.86	10.59	7.65	1.87	10.92	8.26	1.88	11.58	8.23	1.90	11.90	8.22	1.91	12.23	8.76	1.92			
		20	8.64	6.98	2.10	9.62	7.02	2.14	9.95	7.63	2.15	10.61	7.66	2.17	10.93	8.27	2.18	11.59	8.24	2.20	11.92	8.22	2.21	12.25	8.77	2.22			
		25	9.11	7.18	2.99	10.15	7.23	3.03	10.49	7.85	3.05	11.18	7.88	3.08	11.53	8.51	3.09	12.22	8.48	3.12	12.57	8.46	3.14	12.91	9.03	3.16			
		30	8.55	6.94	3.20	9.52	6.98	3.25	9.85	7.59	3.27	10.50	7.62	3.30	10.82	8.22	3.32	11.47	8.19	3.35	11.79	8.18	3.37	12.12	8.72	3.39			
		35	7.98	6.69	3.44	8.89	6.73	3.49	9.19	7.32	3.51	9.80	7.34	3.54	10.10	7.93	3.56	10.71	7.90	3.58	11.01	7.88	3.58	11.31	8.41	3.58			
		40	6.61	5.89	3.16	7.36	5.92	3.20	7.62	6.44	3.22	8.12	6.46	3.25	8.37	6.97	3.27	8.87	6.95	3.30	9.12	6.94	3.32	9.37	7.40	3.34			
46	4.32	4.32	2.35	4.81	4.48	2.39	4.98	4.87	2.40	5.31	4.89	2.43	5.47	5.28	2.44	5.80	5.26	2.46	5.96	5.25	2.48	6.13	5.60	2.49					

● Indoor unit : 7000Btu + 14000Btu + 14000Btu

		Indoor temperature																											
		°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
7+14+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	7.34	5.88	1.43	8.18	5.92	1.45	8.46	6.43	1.45	9.02	6.46	1.47	9.29	6.97	1.48	9.85	6.94	1.49	10.13	6.93	1.50	10.41	7.39	1.51			
		5	6.92	5.70	1.74	7.71	5.73	1.77	7.98	6.23	1.78	8.50	6.25	1.80	8.76	6.75	1.81	9.29	6.73	1.83	9.55	6.71	1.83	9.82	7.16	1.84			
		10	7.05	5.75	1.87	7.85	5.79	1.89	8.12	6.29	1.90	8.66	6.32	1.92	8.93	6.82	1.93	9.46	6.79	1.95	9.73	6.78	1.96	10.00	7.23	1.97			
		15	7.55	5.97	2.03	8.41	6.01	2.07	8.70	6.53	2.08	9.27	6.56	2.10	9.56	7.08	2.11	10.14	7.05	2.13	10.42	7.04	2.14	10.71	7.51	2.15			
		20	7.93	6.14	2.10	8.83	6.18	2.14	9.13	6.71	2.15	9.74	6.74	2.17	10.04	7.27	2.18	10.64	7.25	2.20	10.94	7.23	2.21	11.24	7.72	2.22			
		25	8.21	6.26	2.78	9.15	6.30	2.83	9.46	6.85	2.84	10.08	6.87	2.87	10.39	7.42	2.89	11.02	7.39	2.91	11.33	7.38	2.93	11.64	7.87	2.94			
		30	7.64	6.01	3.01	8.51	6.05	3.06	8.80	6.57	3.07	9.38	6.60	3.10	9.67	7.12	3.12	10.25	7.10	3.15	10.54	7.09	3.16	10.83	7.56	3.18			
		35	7.35	5.88	3.45	8.18	5.92	3.51	8.46	6.43	3.53	9.02	6.46	3.58	9.30	6.97	3.58	9.86	6.95	3.58	10.14	6.93	3.58	10.42	7.40	3.58			
		40	6.31	5.31	3.16	7.03	5.34	3.20	7.27	5.80	3.22	7.75	5.83	3.25	7.99	6.29	3.27	8.47	6.27	3.30	8.71	6.26	3.32	8.95	6.67	3.34			
46	4.16	4.16	2.35	4.64	4.23	2.39	4.79	4.60	2.40	5.11	4.61	2.43	5.27	4.98	2.44	5.58	4.96	2.46	5.74	4.95	2.48	5.90	5.28	2.49					

OUTDOOR UNIT
AO*G30L4

● Indoor unit : 7000Btu + 14000Btu + 24000Btu

● Indoor unit : 7000Btu + 18000Btu + 18000Btu

● Indoor unit : 7000Btu + 18000Btu + 24000Btu

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu + 9000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
9+9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	5.55	4.75	1.32	6.19	4.78	1.34	6.40	5.19	1.34	6.82	5.21	1.36	7.03	5.63	1.36	7.45	5.61	1.38	7.66	5.60	1.38	7.87	5.97	1.39		
		5	5.18	4.58	1.46	5.77	4.61	1.48	5.97	5.01	1.49	6.36	5.03	1.50	6.56	5.43	1.51	6.95	5.41	1.53	7.15	5.40	1.53	7.34	5.76	1.54		
		10	5.25	4.61	1.16	5.85	4.64	1.18	6.05	5.04	1.18	6.44	5.06	1.19	6.64	5.47	1.20	7.04	5.45	1.21	7.24	5.44	1.22	7.44	5.80	1.22		
		15	6.74	5.28	1.62	7.51	5.31	1.65	7.77	5.77	1.66	8.28	5.79	1.67	8.54	6.25	1.68	9.05	6.23	1.70	9.31	6.22	1.71	9.56	6.64	1.72		
		20	7.22	5.49	1.91	8.04	5.52	1.94	8.32	6.00	1.94	8.87	6.03	1.96	9.14	6.51	1.97	9.69	6.48	1.99	9.96	6.47	2.00	10.24	6.90	2.01		
		25	6.90	5.35	2.22	7.68	5.38	2.25	7.95	5.85	2.26	8.47	5.87	2.29	8.73	6.34	2.30	9.26	6.31	2.32	9.52	6.30	2.33	9.78	6.72	2.34		
		30	6.39	5.12	2.41	7.12	5.15	2.45	7.36	5.60	2.46	7.84	5.62	2.49	8.09	6.07	2.50	8.57	6.05	2.53	8.81	6.03	2.54	9.06	6.44	2.55		
		35	7.03	5.41	3.30	7.83	5.44	3.35	8.10	5.91	3.37	8.63	5.93	3.40	8.90	6.41	3.42	9.43	6.38	3.45	9.70	6.37	3.47	9.97	6.80	3.49		
		40	6.01	4.73	3.16	6.69	4.76	3.20	6.92	5.17	3.22	7.38	5.19	3.25	7.61	5.60	3.27	8.06	5.58	3.30	8.29	5.57	3.32	8.52	5.95	3.34		
46	4.00	3.95	2.35	4.46	3.98	2.39	4.61	4.32	2.40	4.91	4.34	2.43	5.06	4.68	2.44	5.37	4.67	2.46	5.52	4.66	2.48	5.67	4.97	2.49				

● Indoor unit : 9000Btu + 9000Btu + 12000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
9+9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	6.87	5.46	1.74	7.65	5.50	1.77	7.91	5.97	1.78	8.44	6.00	1.80	8.70	6.47	1.81	9.22	6.45	1.83	9.48	6.44	1.83	9.74	6.87	1.84	9.74	6.87	1.84
		5	6.42	5.26	1.91	7.15	5.30	1.94	7.40	5.76	1.95	7.88	5.78	1.97	8.13	6.24	1.98	8.61	6.21	2.00	8.86	6.20	2.01	9.10	6.62	2.02	9.10	6.62	2.02
		10	6.53	5.31	1.57	7.28	5.35	1.59	7.53	5.81	1.60	8.02	5.83	1.62	8.27	6.30	1.62	8.77	6.27	1.64	9.01	6.26	1.65	9.26	6.68	1.66	9.26	6.68	1.66
		15	7.14	5.58	1.81	7.95	5.62	1.84	8.22	6.10	1.85	8.76	6.13	1.87	9.04	6.61	1.88	9.58	6.59	1.90	9.85	6.58	1.91	10.12	7.02	1.92	10.12	7.02	1.92
		20	7.75	5.85	2.07	8.63	5.89	2.11	8.93	6.40	2.12	9.52	6.42	2.14	9.81	6.93	2.15	10.40	6.91	2.17	10.69	6.90	2.18	10.99	7.36	2.19	10.99	7.36	2.19
		25	7.37	5.68	2.44	8.21	5.72	2.48	8.49	6.21	2.50	9.05	6.24	2.52	9.33	6.73	2.53	9.89	6.71	2.56	10.17	6.70	2.57	10.45	7.14	2.58	10.45	7.14	2.58
		30	6.83	5.45	2.65	7.61	5.48	2.69	7.87	5.96	2.71	8.39	5.98	2.74	8.65	6.45	2.75	9.17	6.43	2.78	9.43	6.42	2.79	9.69	6.85	2.80	9.69	6.85	2.80
		35	7.19	5.60	3.42	8.01	5.64	3.47	8.28	6.13	3.49	8.83	6.15	3.52	9.10	6.64	3.54	9.65	6.62	3.58	9.92	6.60	3.58	10.19	7.04	3.58	10.19	7.04	3.58
		40	6.12	4.95	3.16	6.82	4.98	3.20	7.05	5.41	3.22	7.52	5.43	3.25	7.75	5.86	3.27	8.21	5.84	3.30	8.45	5.83	3.32	8.68	6.22	3.34	8.68	6.22	3.34
46	4.06	4.05	2.35	4.52	4.07	2.39	4.68	4.42	2.40	4.99	4.44	2.43	5.14	4.79	2.44	5.45	4.78	2.46	5.60	4.77	2.48	5.76	5.09	2.49	5.76	5.09	2.49		

● Indoor unit : 9000Btu + 9000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
9+9+14	Outdoor temperature	0	6.88	5.55	1.25	7.66	5.59	1.27	7.93	6.07	1.27	8.45	6.09	1.29	8.71	6.58	1.29	9.23	6.56	1.31	9.49	6.54	1.31	9.75	6.98	1.32	9.75	6.98	1.32
		5	6.45	5.36	1.62	7.18	5.40	1.64	7.43	5.86	1.65	7.92	5.89	1.67	8.16	6.35	1.68	8.65	6.33	1.69	8.90	6.32	1.70	9.14	6.74	1.71	9.14	6.74	1.71
		10	6.57	5.41	1.65	7.32	5.45	1.67	7.57	5.92	1.68	8.07	5.94	1.70	8.32	6.42	1.70	8.81	6.39	1.72	9.06	6.38	1.73	9.31	6.81	1.74	9.31	6.81	1.74
		15	7.53	5.84	1.96	8.39	5.87	1.99	8.67	6.38	2.00	9.25	6.41	2.02	9.53	6.92	2.03	10.10	6.89	2.05	10.39	6.88	2.06	10.68	7.34	2.07	10.68	7.34	2.07
		20	7.84	5.97	2.09	8.73	6.01	2.13	9.03	6.53	2.14	9.62	6.56	2.16	9.92	7.08	2.17	10.52	7.05	2.19	10.81	7.04	2.20	11.11	7.51	2.21	11.11	7.51	2.21
		25	8.17	6.12	2.74	9.10	6.16	2.78	9.41	6.69	2.79	10.03	6.72	2.82	10.34	7.25	2.84	10.96	7.22	2.87	11.27	7.21	2.88	11.58	7.69	2.89	11.58	7.69	2.89
		30	7.58	5.86	2.97	8.45	5.90	3.01	8.74	6.41	3.03	9.31	6.43	3.06	9.60	6.95	3.07	10.17	6.92	3.10	10.46	6.91	3.12	10.75	7.37	3.13	10.75	7.37	3.13
		35	7.27	5.72	3.45	8.10	5.76	3.51	8.37	6.26	3.53	8.92	6.28	3.58	9.20	6.78	3.58	9.75	6.76	3.58	10.03	6.74	3.58	10.30	7.20	3.58	10.30	7.20	3.58
		40	6.20	5.09	3.16	6.90	5.12	3.20	7.14	5.57	3.22	7.61	5.59	3.25	7.84	6.03	3.27	8.31	6.01	3.30	8.55	6.00	3.32	8.79	6.40	3.34	8.79	6.40	3.34
46	4.10	4.10	2.35	4.57	4.13	2.39	4.72	4.49	2.40	5.03	4.51	2.43	5.19	4.87	2.44	5.50	4.85	2.46	5.66	4.84	2.48	5.81	5.17	2.49	5.81	5.17	2.49		

● Indoor unit : 9000Btu + 9000Btu + 18000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
9+9+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	7.79	6.38	1.45	8.67	6.42	1.47	8.97	6.98	1.48	9.56	7.00	1.49	9.86	7.56	1.50	10.45	7.53	1.51	10.74	7.52	1.52	11.04	8.02	1.53			
		5	7.36	6.19	1.74	8.20	6.23	1.76	8.48	6.77	1.77	9.04	6.80	1.79	9.32	7.33	1.80	9.88	7.31	1.82	10.16	7.30	1.83	10.44	7.78	1.84			
		10	7.49	6.25	1.89	8.35	6.29	1.92	8.63	6.83	1.93	9.20	6.86	1.95	9.48	7.40	1.96	10.05	7.38	1.98	10.34	7.36	1.99	10.62	7.86	2.00			
		15	8.64	6.76	2.20	9.62	6.80	2.24	9.95	7.39	2.25	10.60	7.42	2.27	10.93	8.01	2.28	11.59	7.98	2.31	11.92	7.96	2.32	12.24	8.50	2.33			
		20	8.44	6.67	2.09	9.40	6.71	2.13	9.73	7.29	2.14	10.37	7.32	2.16	10.69	7.90	2.17	11.33	7.88	2.19	11.65	7.86	2.20	11.97	8.39	2.21			
		25	9.06	6.95	2.89	10.10	6.99	2.94	10.44	7.60	2.95	11.13	7.63	2.98	11.47	8.23	3.00	12.16	8.20	3.03	12.50	8.19	3.04	12.85	8.73	3.06			
		30	8.44	6.67	3.12	9.40	6.71	3.17	9.72	7.29	3.19	10.36	7.32	3.22	10.69	7.90	3.23	11.33	7.88	3.27	11.65	7.86	3.28	11.97	8.39	3.30			
		35	7.82	6.39	3.44	8.71	6.43	3.49	9.01	6.99	3.51	9.60	7.02	3.54	9.90	7.58	3.56	10.49	7.55	3.58	10.79	7.54	3.58	11.09	8.04	3.58			
		40	6.35	5.38	3.16	7.07	5.41	3.20	7.31	5.88	3.22	7.79	5.91	3.25	8.03	6.37	3.27	8.52	6.35	3.30	8.76	6.34	3.32	9.00	6.76	3.34			
46	4.18	4.18	2.35	4.66	4.26	2.39	4.82	4.63	2.40	5.13	4.65	2.43	5.29	5.02	2.44	5.61	5.00	2.46	5.77	4.99	2.48	5.93	5.32	2.49					

OUTDOOR UNIT
AO*G30L4

● Indoor unit : 9000Btu + 12000Btu + 12000Btu

● Indoor unit : 9000Btu + 12000Btu + 14000Btu

● Indoor unit : 9000Btu + 12000Btu + 18000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
9+12+18	Outdoor temperature	0	8.09	6.54	1.61	9.01	6.58	1.63	9.31	7.15	1.64	9.93	7.18	1.66	10.23	7.75	1.67	10.85	7.72	1.68	11.16	7.70	1.69	11.46	8.22	1.70
		5	7.72	6.37	1.83	8.59	6.41	1.86	8.89	6.97	1.87	9.47	7.00	1.89	9.77	7.55	1.90	10.35	7.53	1.92	10.65	7.51	1.93	10.94	8.01	1.94
		10	7.82	6.42	1.90	8.71	6.46	1.93	9.01	7.02	1.93	9.60	7.05	1.95	9.90	7.61	1.96	10.49	7.58	1.98	10.79	7.57	1.99	11.09	8.07	2.00
		15	8.56	6.74	2.27	9.54	6.79	2.31	9.86	7.38	2.32	10.51	7.40	2.34	10.84	7.99	2.36	11.49	7.96	2.38	11.81	7.95	2.39	12.14	8.48	2.40
		20	8.45	6.70	2.10	9.41	6.74	2.13	9.74	7.32	2.14	10.38	7.35	2.16	10.70	7.94	2.17	11.34	7.91	2.20	11.66	7.89	2.21	11.98	8.42	2.22
		25	9.01	6.94	2.93	10.03	6.98	2.98	10.38	7.59	2.99	11.06	7.62	3.02	11.40	8.22	3.04	12.09	8.19	3.07	12.43	8.18	3.08	12.77	8.73	3.10
		30	8.41	6.68	3.16	9.37	6.72	3.21	9.69	7.31	3.22	10.33	7.33	3.25	10.65	7.92	3.27	11.29	7.89	3.30	11.61	7.87	3.32	11.93	8.40	3.34
		35	7.82	6.42	3.44	8.71	6.46	3.49	9.01	7.02	3.51	9.60	7.05	3.54	9.90	7.61	3.56	10.49	7.58	3.58	10.79	7.57	3.58	11.09	8.07	3.58
		40	6.46	5.60	3.16	7.20	5.63	3.20	7.46	6.12	3.22	7.93	6.14	3.25	8.18	6.63	3.27	8.67	6.61	3.30	8.91	6.60	3.32	9.16	7.04	3.34
		46	4.24	4.24	2.35	4.72	4.36	2.39	4.89	4.73	2.40	5.21	4.75	2.43	5.37	5.13	2.44	5.69	5.11	2.46	5.85	5.10	2.48	6.01	5.44	2.49

- (04 - 23) -

● Indoor unit : 9000Btu + 12000Btu + 24000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
9+12+24	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.77	7.18	1.93	9.77	7.23	1.96	10.10	7.85	1.97	10.77	7.88	1.99	11.10	8.51	2.00	11.77	8.48	2.02	12.10	8.46	2.03	12.44	9.03	2.04
		5	8.58	7.10	2.00	9.56	7.14	2.03	9.89	7.76	2.04	10.54	7.79	2.06	10.87	8.41	2.07	11.52	8.38	2.09	11.84	8.37	2.10	12.17	8.92	2.11
		10	8.56	7.09	2.05	9.53	7.13	2.08	9.86	7.75	2.09	10.51	7.78	2.11	10.83	8.40	2.12	11.48	8.37	2.14	11.81	8.35	2.15	12.13	8.91	2.17
		15	8.57	7.09	1.82	9.55	7.14	1.85	9.87	7.76	1.85	10.52	7.79	1.87	10.85	8.40	1.88	11.50	8.37	1.90	11.82	8.36	1.91	12.15	8.92	1.92
		20	8.65	7.13	2.11	9.63	7.17	2.14	9.96	7.79	2.15	10.62	7.82	2.17	10.95	8.44	2.18	11.60	8.41	2.20	11.93	8.40	2.21	12.26	8.96	2.23
		25	9.06	7.31	3.01	10.10	7.35	3.06	10.44	7.99	3.07	11.13	8.02	3.11	11.47	8.66	3.12	12.16	8.63	3.15	12.51	8.61	3.17	12.85	9.19	3.18
		30	8.53	7.07	3.23	9.50	7.12	3.28	9.83	7.74	3.30	10.47	7.77	3.33	10.80	8.38	3.35	11.45	8.35	3.38	11.77	8.34	3.40	12.09	8.90	3.41
		35	7.98	6.83	3.44	8.89	6.88	3.49	9.19	7.47	3.51	9.80	7.50	3.54	10.10	8.10	3.56	10.71	8.07	3.58	11.01	8.06	3.58	11.31	8.59	3.58
		40	6.69	6.03	3.16	7.45	6.07	3.20	7.70	6.59	3.22	8.21	6.62	3.25	8.46	7.15	3.27	8.97	7.12	3.30	9.23	7.11	3.32	9.48	7.58	3.34
46	4.36	4.36	2.35	4.86	4.55	2.39	5.03	4.94	2.40	5.36	4.96	2.43	5.52	5.35	2.44	5.85	5.33	2.46	6.02	5.32	2.48	6.18	5.68	2.49		

● Indoor unit : 9000Btu + 14000Btu + 14000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
9+14+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	7.29	6.36	1.48	8.12	6.40	1.51	8.40	6.95	1.51	8.95	6.98	1.53	9.23	7.53	1.54	9.78	7.51	1.55	10.06	7.49	1.56	10.34	7.99	1.57		
		5	6.91	6.18	1.75	7.70	6.22	1.78	7.96	6.76	1.79	8.49	6.78	1.81	8.75	7.32	1.81	9.27	7.30	1.83	9.54	7.28	1.84	9.80	7.77	1.85		
		10	7.03	6.23	1.93	7.83	6.27	1.96	8.09	6.82	1.97	8.63	6.84	1.99	8.89	7.39	2.00	9.43	7.36	2.02	9.69	7.35	2.03	9.96	7.84	2.04		
		15	8.09	6.73	2.24	9.01	6.77	2.27	9.32	7.36	2.29	9.93	7.39	2.31	10.24	7.98	2.32	10.86	7.95	2.34	11.16	7.93	2.35	11.47	8.46	2.37		
		20	7.93	6.66	2.11	8.84	6.70	2.14	9.14	7.28	2.15	9.74	7.31	2.17	10.04	7.89	2.18	10.64	7.86	2.21	10.95	7.85	2.22	11.25	8.37	2.23		
		25	8.50	6.92	2.92	9.46	6.97	2.97	9.79	7.57	2.98	10.43	7.60	3.01	10.76	8.20	3.03	11.40	8.17	3.06	11.72	8.16	3.07	12.05	8.70	3.09		
		30	7.92	6.65	3.15	8.82	6.70	3.20	9.12	7.28	3.22	9.73	7.30	3.25	10.03	7.88	3.26	10.63	7.86	3.30	10.93	7.84	3.31	11.23	8.36	3.33		
		35	7.35	6.38	3.45	8.18	6.42	3.51	8.46	6.98	3.53	9.02	7.01	3.58	9.30	7.56	3.58	9.86	7.54	3.58	10.14	7.52	3.58	10.42	8.03	3.58		
		40	6.39	5.45	3.16	7.11	5.49	3.20	7.36	5.96	3.22	7.84	5.99	3.25	8.08	6.46	3.27	8.57	6.44	3.30	8.81	6.43	3.32	9.05	6.85	3.34		
46	4.20	4.20	2.35	4.68	4.29	2.39	4.84	4.66	2.40	5.16	4.68	2.43	5.32	5.06	2.44	5.64	5.04	2.46	5.80	5.03	2.48	5.96	5.36	2.49				

● Indoor unit : 9000Btu + 14000Btu + 18000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
9+14+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.12	6.67	1.68	9.05	6.71	1.70	9.36	7.30	1.71	9.98	7.32	1.73	10.28	7.91	1.74	10.90	7.88	1.76	11.21	7.86	1.76	11.52	8.39	1.77
		5	7.81	6.53	1.85	8.70	6.58	1.88	9.00	7.15	1.89	9.59	7.17	1.91	9.89	7.74	1.92	10.48	7.72	1.94	10.78	7.70	1.95	11.07	8.22	1.96
		10	7.88	6.57	1.91	8.78	6.61	1.94	9.08	7.18	1.95	9.68	7.21	1.97	9.98	7.78	1.98	10.58	7.75	2.00	10.88	7.74	2.01	11.17	8.26	2.02
		15	8.60	6.88	1.83	9.58	6.92	1.86	9.90	7.52	1.87	10.56	7.55	1.89	10.88	8.15	1.90	11.53	8.12	1.92	11.86	8.11	1.92	12.19	8.65	1.93
		20	8.54	6.85	2.11	9.52	6.90	2.15	9.84	7.50	2.16	10.49	7.53	2.18	10.82	8.12	2.19	11.46	8.09	2.21	11.79	8.08	2.22	12.11	8.62	2.23
		25	9.06	7.08	2.98	10.09	7.13	3.02	10.44	7.74	3.04	11.12	7.77	3.07	11.47	8.39	3.08	12.16	8.36	3.11	12.50	8.35	3.13	12.84	8.90	3.14
		30	8.48	6.83	3.20	9.45	6.87	3.25	9.77	7.47	3.26	10.41	7.50	3.30	10.74	8.09	3.31	11.38	8.06	3.35	11.70	8.05	3.36	12.02	8.58	3.38
		35	7.90	6.57	3.45	8.80	6.62	3.51	9.10	7.19	3.53	9.70	7.22	3.58	10.00	7.79	3.58	10.60	7.76	3.58	10.90	7.75	3.58	11.20	8.27	3.58
		40	6.54	5.74	3.16	7.28	5.78	3.20	7.53	6.28	3.22	8.03	6.30	3.25	8.27	6.80	3.27	8.77	6.78	3.30	9.02	6.77	3.32	9.27	7.22	3.34
46	4.28	4.28	2.35	4.77	4.42	2.39	4.93	4.80	2.40	5.26	4.82	2.43	5.42	5.20	2.44	5.75	5.19	2.46	5.91	5.18	2.48	6.07	5.52	2.49		

● Indoor unit : 9000Btu + 14000Btu + 24000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
9+14+24	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.75	7.28	1.99	9.75	7.32	2.02	10.08	7.96	2.03	10.75	7.99	2.05	11.08	8.63	2.07	11.75	8.59	2.09	12.08	8.58	2.10	12.41	9.15	2.11
		5	8.65	7.23	2.01	9.64	7.28	2.04	9.97	7.91	2.05	10.62	7.94	2.07	10.95	8.57	2.08	11.61	8.54	2.10	11.94	8.53	2.11	12.27	9.10	2.12
		10	8.56	7.19	2.05	9.54	7.24	2.08	9.86	7.87	2.09	10.51	7.90	2.11	10.84	8.53	2.13	11.49	8.49	2.15	11.81	8.48	2.16	12.14	9.05	2.17
		15	8.51	7.17	1.82	9.48	7.22	1.84	9.80	7.84	1.85	10.45	7.87	1.87	10.77	8.50	1.88	11.42	8.47	1.90	11.74	8.45	1.91	12.06	9.02	1.92
		20	8.66	7.24	2.11	9.64	7.28	2.14	9.97	7.91	2.15	10.63	7.94	2.17	10.96	8.58	2.18	11.62	8.54	2.21	11.95	8.53	2.22	12.27	9.10	2.23
		25	9.02	7.39	3.04	10.05	7.44	3.09	10.39	8.09	3.10	11.07	8.12	3.13	11.42	8.76	3.15	12.10	8.73	3.18	12.44	8.72	3.20	12.79	9.30	3.21
		30	8.51	7.17	3.25	9.48	7.22	3.30	9.81	7.84	3.32	10.45	7.87	3.35	10.78	8.50	3.37	11.42	8.47	3.40	11.75	8.45	3.42	12.07	9.02	3.44
		35	7.98	6.94	3.44	8.89	6.98	3.49	9.19	7.59	3.51	9.80	7.62	3.54	10.10	8.22	3.56	10.71	8.19	3.58	11.01	8.18	3.58	11.31	8.73	3.58
		40	6.76	6.17	3.16	7.53	6.21	3.20	7.79	6.75	3.22	8.30	6.78	3.25	8.56	7.32	3.27	9.07	7.29	3.30	9.33	7.28	3.32	9.59	7.76	3.34
46	4.40	4.40	2.35	4.90	4.61	2.39	5.07	5.01	2.40	5.41	5.03	2.43	5.57	5.43	2.44	5.91	5.41	2.46	6.07	5.40	2.48	6.24	5.76	2.49		

● Indoor unit : 9000Btu + 18000Btu + 18000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
9+18+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.77	7.36	1.94	9.77	7.41	1.97	10.10	8.05	1.98	10.77	8.08	2.00	11.10	8.72	2.01	11.77	8.69	2.03	12.10	8.68	2.04	12.44	9.26	2.05			
		5	8.58	7.28	2.01	9.56	7.32	2.04	9.89	7.96	2.05	10.54	7.99	2.07	10.87	8.62	2.08	11.52	8.59	2.10	11.84	8.58	2.11	12.17	9.15	2.12			
		10	8.56	7.26	2.06	9.53	7.31	2.09	9.86	7.95	2.10	10.51	7.98	2.12	10.83	8.61	2.13	11.48	8.58	2.16	11.81	8.56	2.17	12.13	9.14	2.18			
		15	8.57	7.27	1.83	9.55	7.32	1.86	9.87	7.95	1.87	10.52	7.98	1.88	10.85	8.62	1.89	11.50	8.58	1.91	11.82	8.57	1.92	12.15	9.14	1.93			
		20	8.65	7.31	2.12	9.63	7.35	2.15	9.96	7.99	2.16	10.62	8.02	2.18	10.95	8.66	2.19	11.60	8.63	2.22	11.93	8.61	2.23	12.26	9.19	2.24			
		25	9.06	7.49	3.03	10.10	7.54	3.08	10.44	8.19	3.09	11.13	8.23	3.12	11.47	8.88	3.14	12.16	8.85	3.17	12.51	8.83	3.19	12.85	9.42	3.20			
		30	8.53	7.25	3.25	9.50	7.30	3.30	9.83	7.93	3.31	10.47	7.96	3.35	10.80	8.60	3.36	11.45	8.56	3.40	11.77	8.55	3.42	12.09	9.12	3.43			
		35	7.98	7.01	3.45	8.89	7.05	3.51	9.19	7.66	3.53	9.80	7.69	3.58	10.10	8.30	3.58	10.71	8.27	3.58	11.01	8.26	3.58	11.31	8.81	3.58			
		40	6.69	6.03	3.16	7.45	6.07	3.20	7.70	6.59	3.22	8.21	6.62	3.25	8.46	7.15	3.27	8.97	7.12	3.30	9.23	7.11	3.32	9.48	7.58	3.34			
46	4.36	4.36	2.35	4.86	4.55	2.39	5.03	4.94	2.40	5.36	4.96	2.43	5.52	5.35	2.44	5.85	5.33	2.46	6.02	5.32	2.48	6.18	5.68	2.49					

● Indoor unit : 12000Btu + 12000Btu + 12000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
12+12+12	Outdoor temperature	0	7.24	5.70	1.44	8.06	5.74	1.46	8.34	6.24	1.47	8.89	6.26	1.49	9.16	6.76	1.49	9.71	6.73	1.51	9.98	6.72	1.52	10.26	7.17	1.52			
		5	6.84	5.53	1.73	7.62	5.57	1.76	7.88	6.05	1.77	8.40	6.07	1.79	8.66	6.56	1.80	9.18	6.53	1.81	9.44	6.52	1.82	9.70	6.96	1.83			
		10	6.96	5.58	1.88	7.76	5.62	1.91	8.02	6.11	1.92	8.55	6.13	1.94	8.81	6.62	1.95	9.34	6.59	1.97	9.61	6.58	1.98	9.87	7.02	1.99			
		15	7.45	5.79	2.04	8.30	5.83	2.07	8.58	6.34	2.08	9.15	6.36	2.10	9.43	6.87	2.11	10.00	6.84	2.13	10.28	6.83	2.15	10.57	7.29	2.16			
		20	7.85	5.96	2.09	8.74	6.00	2.12	9.04	6.52	2.13	9.63	6.55	2.15	9.93	7.07	2.16	10.53	7.04	2.19	10.83	7.03	2.20	11.12	7.50	2.21			
		25	8.11	6.07	2.77	9.03	6.11	2.82	9.34	6.64	2.83	9.95	6.67	2.86	10.26	7.20	2.88	10.88	7.17	2.90	11.18	7.16	2.92	11.49	7.64	2.93			
		30	7.55	5.84	3.00	8.41	5.87	3.04	8.70	6.38	3.06	9.27	6.41	3.09	9.56	6.92	3.10	10.13	6.89	3.13	10.42	6.88	3.15	10.70	7.34	3.17			
		35	7.27	5.72	3.43	8.10	5.75	3.48	8.37	6.25	3.50	8.92	6.27	3.53	9.20	6.77	3.55	9.75	6.75	3.58	10.03	6.74	3.58	10.30	7.19	3.58			
		40	6.35	5.38	3.16	7.07	5.41	3.20	7.31	5.88	3.22	7.79	5.91	3.25	8.03	6.37	3.27	8.52	6.35	3.30	8.76	6.34	3.32	9.00	6.76	3.34			
		46	4.18	4.18	2.35	4.66	4.26	2.39	4.82	4.63	2.40	5.13	4.65	2.43	5.29	5.02	2.44	5.61	5.00	2.46	5.77	4.99	2.48	5.93	5.32	2.49			

● Indoor unit : 12000Btu + 12000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
12+12+14	Outdoor temperature	0	7.62	6.11	1.59	8.49	6.15	1.61	8.78	6.68	1.62	9.35	6.71	1.64	9.64	7.24	1.64	10.22	7.22	1.66	10.51	7.20	1.67	10.80	7.68	1.68			
		5	7.25	5.95	1.84	8.07	5.99	1.87	8.35	6.50	1.88	8.90	6.53	1.90	9.17	7.05	1.91	9.72	7.02	1.93	10.00	7.01	1.93	10.27	7.48	1.94			
		10	7.36	6.00	2.06	8.19	6.03	2.10	8.47	6.56	2.11	9.03	6.58	2.13	9.31	7.11	2.14	9.87	7.08	2.16	10.15	7.07	2.17	10.43	7.54	2.18			
		15	8.07	6.31	2.26	8.99	6.35	2.30	9.29	6.90	2.31	9.91	6.92	2.33	10.21	7.47	2.34	10.82	7.45	2.37	11.13	7.43	2.38	11.44	7.93	2.39			
		20	7.94	6.25	2.11	8.84	6.29	2.14	9.14	6.84	2.15	9.74	6.86	2.17	10.05	7.41	2.18	10.65	7.38	2.21	10.95	7.37	2.22	11.25	7.86	2.23			
		25	8.48	6.49	2.93	9.45	6.53	2.98	9.77	7.10	3.00	10.41	7.12	3.03	10.73	7.69	3.04	11.38	7.66	3.07	11.70	7.65	3.09	12.02	8.16	3.10			
		30	7.91	6.24	3.16	8.81	6.28	3.21	9.11	6.82	3.23	9.72	6.85	3.26	10.02	7.39	3.28	10.62	7.37	3.31	10.92	7.35	3.33	11.22	7.85	3.34			
		35	7.35	5.99	3.45	8.18	6.03	3.51	8.46	6.55	3.53	9.02	6.58	3.58	9.30	7.10	3.58	9.86	7.08	3.58	10.14	7.06	3.58	10.42	7.53	3.58			
		40	6.42	5.52	3.16	7.15	5.56	3.20	7.40	6.04	3.22	7.89	6.06	3.25	8.13	6.55	3.27	8.62	6.52	3.30	8.86	6.51	3.32	9.11	6.95	3.34			
46	4.22	4.22	2.35	4.70	4.32	2.39	4.86	4.70	2.40	5.18	4.72	2.43	5.34	5.09	2.44	5.66	5.07	2.46	5.82	5.06	2.48	5.98	5.40	2.49					

● Indoor unit : 12000Btu + 12000Btu + 18000Btu

		Indoor temperature																											
		°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
12+12+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.73	6.98	1.83	9.73	7.03	1.86	10.06	7.64	1.87	10.72	7.67	1.89	11.05	8.27	1.90	11.71	8.24	1.92	12.05	8.23	1.93	12.38	8.78	1.94			
		5	8.43	6.85	1.99	9.39	6.89	2.02	9.71	7.49	2.03	10.35	7.52	2.05	10.67	8.12	2.06	11.31	8.09	2.08	11.63	8.07	2.09	11.95	8.61	2.10			
		10	8.48	6.87	2.05	9.45	6.92	2.08	9.77	7.52	2.09	10.41	7.55	2.11	10.74	8.15	2.13	11.38	8.12	2.15	11.70	8.10	2.16	12.03	8.64	2.17			
		15	8.57	6.91	1.82	9.55	6.96	1.85	9.87	7.56	1.86	10.52	7.59	1.88	10.85	8.19	1.89	11.50	8.16	1.91	11.82	8.15	1.92	12.15	8.69	1.93			
		20	8.55	6.90	2.11	9.52	6.95	2.14	9.85	7.55	2.15	10.50	7.58	2.17	10.82	8.18	2.18	11.47	8.15	2.21	11.79	8.14	2.22	12.12	8.68	2.23			
		25	9.04	7.12	2.98	10.07	7.16	3.03	10.41	7.78	3.04	11.10	7.81	3.07	11.44	8.43	3.09	12.13	8.40	3.12	12.47	8.39	3.13	12.81	8.95	3.15			
		30	8.47	6.87	3.20	9.44	6.91	3.25	9.76	7.51	3.27	10.40	7.54	3.30	10.72	8.14	3.32	11.37	8.11	3.35	11.69	8.10	3.37	12.01	8.64	3.38			
		35	7.90	6.62	3.45	8.80	6.66	3.51	9.10	7.24	3.53	9.70	7.27	3.58	10.00	7.84	3.58	10.60	7.82	3.58	10.90	7.80	3.58	11.20	8.32	3.58			
		40	6.57	5.81	3.16	7.32	5.85	3.20	7.57	6.36	3.22	8.07	6.38	3.25	8.32	6.89	3.27	8.82	6.86	3.30	9.07	6.85	3.32	9.32	7.31	3.34			
46	4.30	4.30	2.35	4.79	4.45	2.39	4.96	4.84	2.40	5.28	4.86	2.43	5.45	5.24	2.44	5.77	5.22	2.46	5.94	5.21	2.48	6.10	5.56	2.49					

● Indoor unit : 12000Btu + 12000Btu + 24000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
12+12+24	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.75	7.17	2.01	9.74	7.22	2.05	10.08	7.84	2.06	10.74	7.88	2.08	11.07	8.50	2.09	11.74	8.47	2.11	12.07	8.45	2.12	12.40	9.02	2.13			
		5	8.69	7.15	2.00	9.68	7.20	2.03	10.01	7.82	2.04	10.67	7.85	2.06	11.00	8.47	2.07	11.66	8.44	2.09	11.99	8.43	2.10	12.33	8.99	2.11			
		10	8.56	7.09	2.04	9.54	7.14	2.07	9.86	7.76	2.08	10.52	7.79	2.10	10.84	8.41	2.11	11.49	8.38	2.14	11.82	8.36	2.15	12.14	8.92	2.16			
		15	8.48	7.06	1.80	9.44	7.10	1.83	9.77	7.72	1.84	10.41	7.75	1.86	10.73	8.36	1.87	11.38	8.33	1.89	11.70	8.32	1.90	12.02	8.87	1.91			
		20	8.66	7.14	2.10	9.65	7.18	2.13	9.98	7.81	2.14	10.64	7.84	2.16	10.97	8.46	2.17	11.62	8.43	2.20	11.95	8.41	2.21	12.28	8.97	2.22			
		25	9.00	7.28	3.04	10.02	7.33	3.08	10.36	7.96	3.10	11.05	7.99	3.13	11.39	8.63	3.15	12.07	8.60	3.18	12.41	8.58	3.19	12.75	9.15	3.21			
		30	8.50	7.07	3.25	9.47	7.11	3.30	9.80	7.73	3.31	10.44	7.76	3.35	10.76	8.38	3.36	11.41	8.35	3.40	11.73	8.33	3.41	12.06	8.89	3.43			
		35	7.98	6.84	3.42	8.89	6.89	3.47	9.19	7.49	3.49	9.80	7.51	3.52	10.10	8.11	3.54	10.71	8.08	3.58	11.01	8.07	3.58	11.31	8.61	3.58			
		40	6.80	6.25	3.16	7.57	6.29	3.20	7.83	6.83	3.22	8.35	6.86	3.25	8.61	7.40	3.27	9.12	7.38	3.30	9.38	7.36	3.32	9.64	7.85	3.34			
46	4.42	4.42	2.35	4.93	4.64	2.39	5.09	5.04	2.40	5.43	5.06	2.43	5.60	5.47	2.44	5.93	5.45	2.46	6.10	5.44	2.48	6.27	5.80	2.49					

● Indoor unit : 12000Btu + 14000Btu + 14000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
12+14+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	7.66	6.24	1.65	8.53	6.28	1.67	8.82	6.82	1.68	9.40	6.85	1.70	9.69	7.39	1.71	10.27	7.37	1.72	10.56	7.35	1.73	10.85	7.84	1.74			
		5	7.33	6.10	1.85	8.17	6.13	1.88	8.45	6.67	1.88	9.00	6.69	1.90	9.28	7.22	1.91	9.84	7.20	1.93	10.12	7.19	1.94	10.39	7.66	1.95			
		10	7.42	6.13	1.91	8.26	6.17	1.94	8.54	6.71	1.95	9.11	6.73	1.97	9.39	7.27	1.98	9.95	7.24	2.00	10.23	7.23	2.01	10.51	7.71	2.02			
		15	8.11	6.43	2.31	9.03	6.48	2.35	9.34	7.04	2.36	9.95	7.06	2.38	10.26	7.62	2.39	10.88	7.60	2.42	11.18	7.58	2.43	11.49	8.09	2.44			
		20	8.03	6.40	2.11	8.94	6.44	2.14	9.25	7.00	2.15	9.86	7.03	2.18	10.16	7.58	2.19	10.77	7.56	2.21	11.08	7.54	2.22	11.38	8.05	2.23			
		25	8.53	6.62	2.96	9.51	6.66	3.01	9.83	7.24	3.02	10.48	7.27	3.05	10.80	7.85	3.07	11.45	7.82	3.10	11.78	7.80	3.11	12.10	8.33	3.13			
		30	7.98	6.38	3.19	8.89	6.42	3.24	9.19	6.98	3.25	9.80	7.00	3.29	10.10	7.56	3.30	10.71	7.53	3.34	11.01	7.52	3.35	11.31	8.02	3.37			
		35	7.43	6.14	3.45	8.27	6.18	3.51	8.55	6.71	3.53	9.12	6.74	3.58	9.40	7.27	3.58	9.96	7.25	3.58	10.25	7.23	3.58	10.53	7.72	3.58			
		40	6.50	5.67	3.16	7.24	5.70	3.20	7.49	6.20	3.22	7.98	6.22	3.25	8.23	6.72	3.27	8.72	6.69	3.30	8.97	6.68	3.32	9.21	7.13	3.34			
46	4.26	4.26	2.35	4.75	4.39	2.39	4.91	4.77	2.40	5.23	4.79	2.43	5.39	5.17	2.44	5.72	5.15	2.46	5.88	5.14	2.48	6.04	5.48	2.49					

● Indoor unit : 12000Btu + 14000Btu + 18000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
12+14+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.79	7.14	1.91	9.79	7.18	1.93	10.12	7.80	1.94	10.79	7.83	1.96	11.12	8.46	1.97	11.79	8.43	1.99	12.12	8.41	2.00	12.46	8.97	2.01			
		5	8.56	7.03	2.00	9.53	7.08	2.04	9.85	7.69	2.05	10.50	7.72	2.07	10.83	8.34	2.08	11.48	8.31	2.10	11.80	8.29	2.11	12.13	8.85	2.12			
		10	8.56	7.04	2.06	9.53	7.08	2.09	9.86	7.70	2.10	10.51	7.73	2.12	10.83	8.34	2.13	11.48	8.31	2.16	11.81	8.29	2.17	12.13	8.85	2.18			
		15	8.60	7.05	1.83	9.58	7.10	1.86	9.90	7.71	1.87	10.56	7.74	1.88	10.88	8.36	1.89	11.54	8.33	1.91	11.86	8.31	1.92	12.19	8.87	1.93			
		20	8.64	7.07	2.12	9.63	7.12	2.15	9.96	7.74	2.16	10.61	7.77	2.18	10.94	8.38	2.19	11.60	8.35	2.21	11.92	8.34	2.23	12.25	8.89	2.24			
		25	9.09	7.27	3.02	10.12	7.31	3.06	10.47	7.95	3.08	11.16	7.98	3.11	11.50	8.61	3.13	12.19	8.58	3.16	12.54	8.57	3.17	12.88	9.14	3.19			
		30	8.54	7.03	3.23	9.51	7.07	3.29	9.84	7.69	3.30	10.49	7.72	3.34	10.81	8.33	3.35	11.46	8.30	3.39	11.78	8.28	3.40	12.11	8.84	3.42			
		35	7.98	6.78	3.45	8.89	6.83	3.51	9.19	7.42	3.53	9.80	7.45	3.58	10.10	8.04	3.58	10.71	8.01	3.58	11.01	8.00	3.58	11.31	8.53	3.58			
		40	6.65	5.96	3.16	7.41	6.00	3.20	7.66	6.52	3.22	8.16	6.54	3.25	8.42	7.06	3.27	8.92	7.04	3.30	9.17	7.02	3.32	9.43	7.49	3.34			
46	4.34	4.34	2.35	4.84	4.51	2.39	5.00	4.91	2.40	5.33	4.92	2.43	5.50	5.32	2.44	5.83	5.30	2.46	5.99	5.29	2.48	6.16	5.64	2.49					

● Indoor unit : 12000Btu + 18000Btu + 18000Btu

		Indoor temperature																												
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB						
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB						
12+18+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	
		0	8.75	7.33	2.04	9.74	7.38	2.07	10.08	8.02	2.08	10.74	8.05	2.10	11.07	8.69	2.11	11.74	8.66	2.13	12.07	8.64	2.14	12.40	9.22	2.15				
		5	8.69	7.31	2.02	9.68	7.35	2.05	10.01	7.99	2.06	10.67	8.02	2.08	11.00	8.66	2.09	11.66	8.63	2.11	11.99	8.61	2.12	12.33	9.19	2.14				
		10	8.56	7.25	2.06	9.54	7.30	2.10	9.86	7.93	2.11	10.52	7.96	2.13	10.84	8.59	2.14	11.49	8.56	2.16	11.82	8.55	2.17	12.14	9.12	2.18				
		15	8.48	7.21	1.83	9.44	7.26	1.85	9.77	7.89	1.86	10.41	7.92	1.88	10.73	8.55	1.89	11.38	8.52	1.91	11.70	8.50	1.92	12.02	9.07	1.93				
		20	8.66	7.29	2.12	9.65	7.34	2.15	9.98	7.98	2.17	10.64	8.01	2.19	10.97	8.64	2.20	11.62	8.61	2.22	11.95	8.60	2.23	12.28	9.17	2.24				
		25	9.00	7.44	3.07	10.02	7.49	3.12	10.36	8.14	3.13	11.05	8.17	3.17	11.39	8.82	3.18	12.07	8.78	3.21	12.41	8.77	3.23	12.75	9.35	3.25				
		30	8.50	7.22	3.28	9.47	7.27	3.33	9.80	7.90	3.35	10.44	7.93	3.39	10.76	8.56	3.40	11.41	8.53	3.44	11.73	8.52	3.45	12.06	9.08	3.47				
		35	7.98	6.99	3.45	8.89	7.04	3.51	9.19	7.65	3.53	9.80	7.68	3.58	10.10	8.29	3.58	10.71	8.26	3.58	11.01	8.24	3.58	11.31	8.80	3.58				
		40	6.80	6.25	3.16	7.57	6.29	3.20	7.83	6.83	3.22	8.35	6.86	3.25	8.61	7.40	3.27	9.12	7.38	3.30	9.38	7.36	3.32	9.64	7.85	3.34				
46	4.42	4.42	2.35	4.93	4.64	2.39	5.09	5.04	2.40	5.43	5.06	2.43	5.60	5.47	2.44	5.93	5.45	2.46	6.10	5.44	2.48	6.27	5.80	2.49						

OUTDOOR UNIT
AO*G30L4

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OUTDOOR UNIT
AO*G30L4

- (04 - 27) -

● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 18000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+7+7+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.25	6.98	1.60	9.19	7.02	1.63	9.50	7.63	1.64	10.13	7.66	1.65	10.44	8.27	1.66	11.07	8.24	1.68	11.38	8.23	1.69	11.69	8.78	1.69
		5	7.87	6.81	1.83	8.77	6.85	1.86	9.07	7.44	1.87	9.66	7.47	1.88	9.96	8.07	1.89	10.56	8.04	1.91	10.86	8.02	1.92	11.16	8.56	1.93
		10	7.98	6.85	1.89	8.89	6.90	1.92	9.19	7.50	1.93	9.79	7.53	1.95	10.10	8.12	1.96	10.70	8.09	1.98	11.01	8.08	1.99	11.31	8.62	2.00
		15	8.74	7.20	2.27	9.73	7.25	2.30	10.06	7.88	2.31	10.73	7.91	2.34	11.06	8.54	2.35	11.72	8.50	2.37	12.05	8.49	2.39	12.38	9.06	2.40
		20	8.62	7.15	2.09	9.60	7.20	2.12	9.93	7.82	2.14	10.59	7.85	2.16	10.91	8.47	2.17	11.57	8.44	2.19	11.90	8.43	2.20	12.22	8.99	2.21
		25	9.19	7.41	2.92	10.24	7.46	2.97	10.59	8.10	2.98	11.28	8.14	3.01	11.63	8.78	3.03	12.33	8.75	3.06	12.68	8.73	3.07	13.03	9.32	3.09
		30	8.58	7.13	3.15	9.56	7.18	3.20	9.89	7.80	3.21	10.54	7.83	3.25	10.87	8.45	3.26	11.52	8.42	3.29	11.84	8.41	3.31	12.17	8.97	3.33
		35	7.98	6.86	3.43	8.89	6.90	3.48	9.19	7.50	3.50	9.80	7.53	3.53	10.10	8.12	3.55	10.71	8.10	3.58	11.01	8.08	3.58	11.31	8.62	3.58
		40	6.46	5.60	3.16	7.20	5.63	3.20	7.44	6.12	3.22	7.93	6.14	3.25	8.18	6.63	3.27	8.67	6.61	3.30	8.91	6.60	3.32	9.16	7.04	3.34
46	4.24	4.24	2.35	4.72	4.36	2.39	4.89	4.73	2.40	5.21	4.75	2.43	5.37	5.13	2.44	5.69	5.11	2.46	5.85	5.10	2.48	6.01	5.44	2.49		

● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 9000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+7+9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	7.25	6.02	1.20	8.08	6.06	1.21	8.36	6.58	1.22	8.91	6.61	1.23	9.18	7.13	1.24	9.73	7.11	1.25	10.01	7.09	1.26	10.28	7.57	1.26
		5	6.80	5.81	1.55	7.57	5.85	1.57	7.83	6.36	1.58	8.35	6.38	1.60	8.61	6.89	1.61	9.12	6.86	1.62	9.38	6.85	1.63	9.64	7.31	1.64
		10	6.93	5.87	1.58	7.72	5.91	1.60	7.98	6.42	1.61	8.50	6.44	1.62	8.77	6.96	1.63	9.29	6.93	1.65	9.56	6.92	1.66	9.82	7.38	1.67
		15	7.57	6.16	1.79	8.44	6.20	1.82	8.72	6.74	1.83	9.30	6.77	1.85	9.59	7.30	1.86	10.16	7.28	1.88	10.45	7.26	1.89	10.74	7.75	1.90
		20	8.26	6.48	2.01	9.21	6.52	2.04	9.52	7.08	2.05	10.15	7.11	2.07	10.46	7.68	2.08	11.09	7.65	2.10	11.40	7.63	2.11	11.72	8.14	2.12
		25	8.61	6.63	2.62	9.59	6.68	2.66	9.92	7.25	2.68	10.57	7.28	2.70	10.90	7.86	2.72	11.55	7.83	2.75	11.88	7.82	2.76	12.21	8.34	2.77
		30	8.00	6.35	2.84	8.91	6.40	2.89	9.21	6.95	2.90	9.82	6.98	2.93	10.12	7.53	2.94	10.73	7.50	2.97	11.03	7.49	2.99	11.34	7.99	3.00
		35	7.66	6.20	3.30	8.54	6.24	3.35	8.83	6.78	3.37	9.41	6.81	3.40	9.70	7.35	3.42	10.28	7.33	3.45	10.57	7.31	3.47	10.86	7.80	3.49
		40	6.20	5.09	3.16	6.90	5.12	3.20	7.14	5.57	3.22	7.61	5.59	3.25	7.84	6.03	3.27	8.31	6.01	3.30	8.55	6.00	3.32	8.79	6.40	3.34
46	4.10	4.10	2.35	4.57	4.13	2.39	4.72	4.49	2.40	5.03	4.51	2.43	5.19	4.87	2.44	5.50	4.85	2.46	5.66	4.84	2.48	5.81	5.17	2.49		

● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 12000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+7+9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	7.82	6.26	1.41	8.71	6.30	1.44	9.00	6.85	1.44	9.60	6.87	1.46	9.89	7.42	1.46	10.49	7.39	1.48	10.78	7.38	1.49	11.08	7.87	1.49
		5	7.37	6.06	1.73	8.21	6.10	1.76	8.49	6.63	1.77	9.05	6.66	1.78	9.33	7.19	1.79	9.89	7.16	1.81	10.17	7.15	1.82	10.45	7.63	1.83
		10	7.51	6.12	1.85	8.36	6.16	1.88	8.65	6.70	1.89	9.22	6.72	1.91	9.50	7.26	1.92	10.07	7.23	1.94	10.36	7.22	1.95	10.64	7.70	1.96
		15	8.04	6.36	2.02	8.96	6.40	2.05	9.26	6.95	2.06	9.87	6.98	2.08	10.18	7.54	2.09	10.79	7.51	2.11	11.09	7.49	2.12	11.40	8.00	2.13
		20	8.44	6.53	2.09	9.40	6.58	2.12	9.72	7.15	2.13	10.36	7.17	2.15	10.68	7.74	2.16	11.32	7.72	2.18	11.65	7.70	2.19	11.97	8.22	2.21
		25	8.74	6.67	2.76	9.74	6.71	2.80	10.07	7.29	2.82	10.73	7.32	2.85	11.06	7.90	2.86	11.73	7.87	2.89	12.06	7.86	2.90	12.39	8.38	2.92
		30	8.13	6.40	2.98	9.06	6.44	3.03	9.37	7.00	3.05	9.99	7.03	3.08	10.30	7.58	3.09	10.91	7.56	3.12	11.22	7.54	3.14	11.53	8.05	3.15
		35	7.82	6.26	3.43	8.71	6.30	3.48	9.01	6.85	3.50	9.60	6.88	3.53	9.90	7.42	3.55	10.49	7.39	3.58	10.79	7.38	3.58	11.09	7.87	3.58
		40	6.31	5.31	3.16	7.03	5.34	3.20	7.27	5.80	3.22	7.75	5.83	3.25	7.99	6.29	3.27	8.47	6.27	3.30	8.71	6.26	3.32	8.95	6.67	3.34
46	4.16	4.16	2.35	4.64	4.23	2.39	4.79	4.60	2.40	5.11	4.61	2.43	5.27	4.98	2.44	5.58	4.96	2.46	5.74	4.95	2.48	5.90	5.28	2.49		

● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 14000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+7+9+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.22	6.54	1.55	9.15	6.58	1.57	9.47	7.15	1.58	10.09	7.18	1.60	10.40	7.75	1.61	11.03	7.72	1.62	11.34	7.71	1.63	11.65	8.23	1.64
		5	7.79	6.35	1.83	8.68	6.40	1.86	8.97	6.95	1.87	9.57	6.98	1.89	9.86	7.53	1.90	10.45	7.50	1.92	10.75	7.49	1.93	11.05	7.99	1.93
		10	7.92	6.41	2.02	8.82	6.45	2.05	9.12	7.01	2.06	9.73	7.04	2.09	10.03	7.60	2.10	10.63	7.57	2.12	10.93	7.56	2.13	11.23	8.06	2.14
		15	8.70	6.75	2.23	9.69	6.80	2.27	10.02	7.38	2.28	10.68	7.41	2.30	11.01	8.00	2.31	11.67	7.97	2.34	12.00	7.96	2.35	12.33	8.49	2.36
		20	8.53	6.68	2.10	9.50	6.72	2.13	9.83	7.30	2.14	10.47	7.33	2.17	10.80	7.91	2.18	11.45	7.89	2.20	11.77	7.87	2.21	12.09	8.40	2.22
		25	9.14	6.94	2.91	10.18	6.99	2.96	10.52	7.59	2.97	11.22	7.62	3.00	11.56	8.23	3.02	12.26	8.20	3.05	12.61	8.18	3.06	12.95	8.73	3.08
		30	8.52	6.67	3.14	9.49	6.72	3.19	9.81	7.30	3.21	10.46	7.33	3.24	10.78	7.91	3.26	11.43	7.88	3.29	11.75	7.87	3.30	12.08	8.39	3.32
		35	7.90	6.40	3.45	8.80	6.44	3.51	9.10	7.00	3.53	9.70	7.03	3.58	10.00	7.59	3.58	10.60	7.56	3.58	10.90	7.55	3.58	11.20	8.05	3.58
		40	6.39	5.45	3.16	7.11	5.49	3.20	7.36	5.96	3.22	7.84	5.99	3.25	8.08	6.46	3.27	8.57	6.44	3.30	8.81	6.43	3.32	9.05	6.85	3.34
46	4.20	4.20	2.35	4.68	4.29	2.39	4.84	4.66	2.40	5.16	4.68	2.43	5.32	5.06	2.44	5.64	5.04	2.46	5.80	5.03	2.48	5.96	5.36	2.49		

● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 18000Btu

		Indoor temperature																											
		°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
7+7+9+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.84	7.01	1.79	9.84	7.06	1.82	10.18	7.67	1.83	10.85	7.70	1.85	11.19	8.31	1.86	11.86	8.28	1.87	12.19	8.27	1.88	12.53	8.82	1.89			
		5	8.50	6.86	1.98	9.46	6.91	2.01	9.79	7.51	2.02	10.43	7.54	2.04	10.75	8.14	2.05	11.40	8.11	2.07	11.72	8.09	2.08	12.04	8.63	2.09			
		10	8.57	6.90	2.04	9.55	6.94	2.07	9.88	7.54	2.08	10.53	7.57	2.10	10.85	8.18	2.11	11.50	8.15	2.13	11.83	8.13	2.14	12.15	8.67	2.15			
		15	8.68	6.95	1.81	9.67	6.99	1.84	10.00	7.60	1.85	10.66	7.63	1.87	10.99	8.23	1.88	11.65	8.20	1.90	11.98	8.19	1.91	12.31	8.73	1.92			
		20	8.63	6.92	2.09	9.61	6.97	2.13	9.94	7.57	2.14	10.60	7.60	2.16	10.92	8.20	2.17	11.58	8.18	2.19	11.91	8.16	2.20	12.23	8.71	2.21			
		25	9.15	7.15	2.95	10.19	7.20	3.00	10.54	7.82	3.01	11.23	7.85	3.04	11.58	8.47	3.06	12.28	8.44	3.09	12.62	8.43	3.10	12.97	8.99	3.12			
		30	8.57	6.90	3.17	9.54	6.94	3.22	9.87	7.54	3.24	10.52	7.57	3.27	10.84	8.17	3.29	11.49	8.14	3.32	11.82	8.13	3.34	12.14	8.67	3.35			
		35	7.98	6.64	3.43	8.89	6.68	3.48	9.19	7.26	3.50	9.80	7.29	3.53	10.10	7.87	3.55	10.71	7.84	3.58	11.01	7.83	3.58	11.31	8.35	3.58			
		40	6.54	5.74	3.16	7.28	5.78	3.20	7.53	6.28	3.22	8.03	6.30	3.25	8.27	6.80	3.27	8.77	6.78	3.30	9.02	6.77	3.32	9.27	7.22	3.34			
46	4.28	4.28	2.35	4.77	4.42	2.39	4.93	4.80	2.40	5.26	4.82	2.43	5.42	5.20	2.44	5.75	5.19	2.46	5.91	5.18	2.48	6.07	5.52	2.49					

● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 12000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+7+12+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.19	6.65	1.57	9.12	6.69	1.60	9.44	7.27	1.61	10.06	7.30	1.62	10.37	7.88	1.63	10.99	7.85	1.65	11.30	7.83	1.65	11.61	8.36	1.66
		5	7.79	6.47	1.82	8.68	6.51	1.85	8.97	7.07	1.86	9.57	7.10	1.88	9.86	7.67	1.89	10.45	7.64	1.91	10.75	7.63	1.92	11.04	8.13	1.93
		10	7.91	6.52	2.05	8.81	6.56	2.08	9.11	7.13	2.09	9.71	7.16	2.11	10.01	7.73	2.12	10.61	7.70	2.14	10.91	7.69	2.15	11.21	8.20	2.16
		15	8.67	6.86	2.24	9.66	6.90	2.28	9.99	7.50	2.29	10.65	7.53	2.31	10.98	8.13	2.33	11.64	8.10	2.35	11.97	8.09	2.36	12.30	8.63	2.37
		20	8.53	6.80	2.09	9.51	6.84	2.12	9.83	7.43	2.13	10.48	7.46	2.16	10.80	8.06	2.17	11.45	8.03	2.19	11.77	8.01	2.20	12.10	8.55	2.21
		25	9.12	7.06	2.91	10.16	7.10	2.95	10.50	7.72	2.97	11.20	7.75	3.00	11.54	8.36	3.02	12.23	8.33	3.05	12.58	8.32	3.06	12.93	8.87	3.08
		30	8.51	6.79	3.14	9.48	6.83	3.18	9.80	7.42	3.20	10.45	7.45	3.23	10.77	8.04	3.25	11.42	8.01	3.28	11.74	8.00	3.30	12.06	8.53	3.31
		35	7.90	6.52	3.43	8.80	6.56	3.48	9.10	7.13	3.50	9.70	7.16	3.53	10.00	7.72	3.55	10.60	7.70	3.58	10.90	7.68	3.58	11.20	8.20	3.58
		40	6.42	5.52	3.16	7.15	5.56	3.20	7.40	6.04	3.22	7.89	6.06	3.25	8.13	6.55	3.27	8.62	6.52	3.30	8.86	6.51	3.32	9.11	6.95	3.34
46	4.22	4.22	2.35	4.70	4.32	2.39	4.86	4.70	2.40	5.18	4.72	2.43	5.34	5.09	2.44	5.66	5.07	2.46	5.82	5.06	2.48	5.98	5.40	2.49		

● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 14000Btu

		Indoor temperature																											
		°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
7+7+12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.15	6.64	1.64	9.07	6.68	1.67	9.38	7.26	1.68	10.00	7.29	1.69	10.31	7.86	1.70	10.93	7.84	1.72	11.24	7.82	1.73	11.55	8.34	1.74			
		5	7.80	6.48	1.84	8.69	6.53	1.87	8.98	7.09	1.88	9.58	7.12	1.90	9.87	7.69	1.91	10.47	7.66	1.93	10.76	7.64	1.94	11.06	8.15	1.95			
		10	7.89	6.52	1.90	8.79	6.57	1.93	9.09	7.13	1.94	9.69	7.16	1.96	9.99	7.73	1.97	10.59	7.70	1.99	10.89	7.69	2.00	11.19	8.20	2.01			
		15	8.62	6.84	2.30	9.61	6.89	2.34	9.93	7.49	2.35	10.59	7.51	2.38	10.92	8.11	2.39	11.57	8.08	2.41	11.90	8.07	2.42	12.23	8.61	2.44			
		20	8.54	6.81	2.10	9.51	6.85	2.14	9.84	7.45	2.15	10.49	7.47	2.17	10.81	8.07	2.18	11.46	8.04	2.20	11.78	8.03	2.21	12.11	8.56	2.22			
		25	9.08	7.04	2.95	10.11	7.09	3.00	10.46	7.70	3.01	11.15	7.73	3.04	11.49	8.35	3.06	12.18	8.32	3.09	12.53	8.30	3.11	12.87	8.86	3.12			
		30	8.49	6.79	3.18	9.46	6.83	3.23	9.78	7.42	3.24	10.42	7.45	3.28	10.75	8.04	3.29	11.39	8.01	3.33	11.71	8.00	3.34	12.04	8.53	3.36			
		35	7.90	6.53	3.45	8.80	6.57	3.51	9.10	7.14	3.53	9.70	7.17	3.58	10.00	7.74	3.58	10.60	7.71	3.58	10.90	7.70	3.58	11.20	8.21	3.58			
		40	6.50	5.67	3.16	7.24	5.70	3.20	7.49	6.20	3.22	7.98	6.22	3.25	8.23	6.72	3.27	8.62	6.69	3.30	8.97	6.68	3.32	9.21	7.13	3.34			
46	4.26	4.26	2.35	4.75	4.39	2.39	4.91	4.77	2.40	5.23	4.79	2.43	5.39	5.17	2.44	5.72	5.15	2.46	5.88	5.14	2.48	6.04	5.48	2.49					

● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 18000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+7+12+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.79	7.14	1.89	9.79	7.18	1.92	10.12	7.80	1.93	10.79	7.83	1.95	11.12	8.46	1.96	11.79	8.43	1.98	12.12	8.41	1.99	12.46	8.97	2.00
		5	8.56	7.03	1.99	9.53	7.08	2.02	9.85	7.69	2.03	10.50	7.72	2.06	10.83	8.34	2.07	11.48	8.31	2.09	11.80	8.29	2.10	12.13	8.85	2.11
		10	8.56	7.04	2.05	9.53	7.08	2.08	9.86	7.70	2.09	10.51	7.73	2.11	10.83	8.34	2.12	11.48	8.31	2.14	11.81	8.29	2.15	12.13	8.85	2.16
		15	8.60	7.05	1.82	9.58	7.10	1.85	9.90	7.71	1.86	10.56	7.74	1.87	10.88	8.36	1.88	11.54	8.33	1.90	11.86	8.31	1.91	12.19	8.87	1.92
		20	8.64	7.07	2.10	9.63	7.12	2.14	9.96	7.74	2.15	10.61	7.77	2.17	10.94	8.38	2.18	11.60	8.35	2.20	11.92	8.34	2.21	12.25	8.89	2.22
		25	9.09	7.27	3.00	10.12	7.31	3.05	10.47	7.95	3.06	11.16	7.98	3.09	11.50	8.61	3.11	12.19	8.58	3.14	12.54	8.57	3.15	12.88	9.14	3.17
		30	8.54	7.03	3.22	9.51	7.07	3.27	9.84	7.69	3.28	10.49	7.72	3.32	10.81	8.33	3.33	11.46	8.30	3.37	11.78	8.28	3.38	12.11	8.84	3.40
		35	7.98	6.78	3.44	8.89	6.83	3.49	9.19	7.42	3.51	9.80	7.45	3.54	10.10	8.04	3.56	10.71	8.01	3.58	11.01	8.00	3.58	11.31	8.53	3.58
		40	6.65	5.96	3.16	7.41	6.00	3.20	7.66	6.52	3.22	8.16	6.54	3.25	8.42	7.06	3.27	8.92	7.04	3.30	9.17	7.02	3.32	9.43	7.49	3.34
46	4.34	4.34	2.35	4.84	4.51	2.39	5.00	4.91	2.40	5.33	4.92	2.43	5.50	5.32	2.44	5.83	5.30	2.46	5.99	5.29	2.48	6.16	5.64	2.49		

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 7000Btu + 14000Btu + 14000Btu

		Indoor temperature																											
		°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
7+7+14+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.82	7.05	1.84	9.82	7.10	1.87	10.16	7.71	1.88	10.83	7.74	1.90	11.16	8.36	1.91	11.83	8.33	1.93	12.17	8.31	1.93	12.50	8.87	1.94			
		5	8.51	6.92	2.00	9.48	6.96	2.03	9.80	7.57	2.04	10.45	7.60	2.06	10.77	8.20	2.07	11.42	8.17	2.09	11.74	8.15	2.10	12.07	8.70	2.11			
		10	8.57	6.94	2.06	9.54	6.99	2.09	9.87	7.59	2.10	10.52	7.62	2.12	10.84	8.23	2.13	11.49	8.20	2.15	11.82	8.18	2.16	12.15	8.73	2.17			
		15	8.66	6.98	1.83	9.64	7.03	1.86	9.97	7.63	1.87	10.63	7.66	1.89	10.96	8.27	1.90	11.61	8.24	1.91	11.94	8.23	1.92	12.27	8.78	1.93			
		20	8.63	6.97	2.11	9.62	7.02	2.15	9.95	7.62	2.16	10.60	7.65	2.18	10.93	8.26	2.19	11.58	8.23	2.21	11.91	8.22	2.22	12.24	8.77	2.23			
		25	9.13	7.19	2.99	10.17	7.23	3.04	10.52	7.86	3.05	11.21	7.89	3.08	11.56	8.52	3.10	12.25	8.49	3.13	12.60	8.47	3.14	12.94	9.04	3.16			
		30	8.56	6.94	3.21	9.53	6.98	3.26	9.86	7.59	3.28	10.51	7.62	3.31	10.83	8.22	3.33	11.48	8.19	3.36	11.81	8.18	3.38	12.13	8.72	3.39			
		35	7.98	6.69	3.45	8.89	6.73	3.51	9.19	7.31	3.53	9.80	7.34	3.58	10.10	7.92	3.58	10.71	7.89	3.58	11.01	7.88	3.58	11.31	8.41	3.58			
		40	6.57	5.81	3.16	7.32	5.85	3.20	7.57	6.36	3.22	8.07	6.38	3.25	8.32	6.89	3.27	8.82	6.86	3.30	9.07	6.85	3.32	9.32	7.31	3.34			
46	4.30	4.30	2.35	4.79	4.45	2.39	4.96	4.84	2.40	5.28	4.86	2.43	5.45	5.24	2.44	5.77	5.22	2.46	5.94	5.21	2.48	6.10	5.56	2.49					

● Indoor unit : 7000Btu + 7000Btu + 14000Btu + 18000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
7+7+14+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.76	7.23	1.97	9.76	7.27	2.00	10.09	7.90	2.01	10.76	7.94	2.03	11.09	8.57	2.04	11.76	8.53	2.06	12.09	8.52	2.07	12.42	9.09	2.08	12.75	9.08	2.09
		5	8.62	7.16	2.01	9.60	7.21	2.04	9.92	7.83	2.05	10.58	7.87	2.07	10.91	8.49	2.09	11.56	8.46	2.11	11.89	8.44	2.12	12.22	9.01	2.13	12.55	9.00	2.14
		10	8.56	7.14	2.06	9.53	7.18	2.09	9.86	7.81	2.10	10.51	7.84	2.13	10.83	8.46	2.14	11.48	8.43	2.16	11.81	8.41	2.17	12.13	8.98	2.18	12.46	8.97	2.19
		15	8.54	7.13	1.83	9.51	7.18	1.85	9.84	7.80	1.86	10.48	7.83	1.88	10.81	8.45	1.89	11.46	8.42	1.91	11.78	8.41	1.92	12.11	8.97	1.93	12.44	8.96	1.94
		20	8.65	7.18	2.12	9.64	7.23	2.15	9.97	7.85	2.16	10.62	7.88	2.18	10.95	8.51	2.20	11.61	8.48	2.22	11.94	8.46	2.23	12.27	9.03	2.24	12.60	9.02	2.25
		25	9.04	7.35	3.04	10.07	7.40	3.09	10.42	8.04	3.11	11.10	8.07	3.14	11.45	8.71	3.15	12.13	8.68	3.18	12.48	8.66	3.20	12.82	9.24	3.22	13.17	9.22	3.24
		30	8.52	7.12	3.26	9.49	7.17	3.31	9.82	7.79	3.33	10.46	7.82	3.36	10.79	8.44	3.38	11.43	8.41	3.41	11.76	8.40	3.43	12.08	8.96	3.44	12.41	8.95	3.46
		35	7.98	6.89	3.45	8.89	6.93	3.51	9.19	7.53	3.53	9.80	7.56	3.58	10.10	8.16	3.58	10.71	8.13	3.58	11.01	8.12	3.58	11.31	8.66	3.58	11.61	8.65	3.59
		40	6.72	6.10	3.16	7.49	6.14	3.20	7.75	6.67	3.22	8.26	6.70	3.25	8.51	7.23	3.27	9.02	7.21	3.30	9.28	7.19	3.32	9.53	7.67	3.34	9.80	7.66	3.35
46	4.38	4.38	2.35	4.88	4.58	2.39	5.05	4.97	2.40	5.38	4.99	2.43	5.55	5.39	2.44	5.88	5.37	2.46	6.05	5.36	2.48	6.21	5.72	2.49	6.48	5.71	2.50		

● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 9000Btu

		Indoor temperature																											
		°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
7+9+9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	7.85	6.24	1.39	8.74	6.28	1.41	9.04	6.82	1.42	9.63	6.85	1.43	9.93	7.39	1.44	10.53	7.37	1.45	10.83	7.35	1.46	11.12	7.84	1.47			
		5	7.38	6.03	1.73	8.22	6.07	1.76	8.50	6.60	1.77	9.06	6.62	1.78	9.34	7.15	1.79	9.91	7.12	1.81	10.19	7.11	1.82	10.47	7.59	1.83			
		10	7.52	6.09	1.82	8.38	6.13	1.85	8.66	6.66	1.86	9.24	6.69	1.88	9.52	7.22	1.89	10.09	7.20	1.91	10.38	7.18	1.92	10.66	7.66	1.93			
		15	8.06	6.33	2.00	8.98	6.37	2.03	9.29	6.92	2.04	9.90	6.95	2.06	10.21	7.50	2.07	10.82	7.48	2.09	11.12	7.46	2.11	11.43	7.96	2.12			
		20	8.44	6.50	2.09	9.40	6.54	2.12	9.72	7.11	2.13	10.36	7.13	2.16	10.68	7.70	2.17	11.32	7.67	2.19	11.64	7.66	2.20	11.96	8.17	2.21			
		25	8.76	6.64	2.76	9.75	6.68	2.80	10.09	7.26	2.81	10.75	7.29	2.84	11.08	7.87	2.86	11.75	7.84	2.88	12.08	7.82	2.90	12.41	8.35	2.91			
		30	8.14	6.37	2.98	9.07	6.41	3.03	9.38	6.96	3.04	10.00	6.99	3.07	10.31	7.55	3.09	10.93	7.52	3.12	11.23	7.50	3.13	11.54	8.01	3.15			
		35	7.82	6.23	3.44	8.71	6.27	3.49	9.01	6.81	3.51	9.60	6.84	3.54	9.90	7.38	3.56	10.49	7.35	3.58	10.79	7.34	3.58	11.09	7.83	3.58			
		40	6.27	5.23	3.16	6.99	5.27	3.20	7.22	5.72	3.22	7.70	5.75	3.25	7.94	6.30	3.27	8.42	6.18	3.30	8.65	6.17	3.32	8.89	6.58	3.34			
46	4.14	4.14	2.35	4.61	4.20	2.39	4.77	4.56	2.40	5.08	4.58	2.43	5.24	4.94	2.44	5.56	4.93	2.46	5.71	4.92	2.48	5.87	5.24	2.49					

●Indoor unit : 7000Btu + 9000Btu + 9000Btu + 12000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
7+9+9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.22	6.54	1.55	9.15	6.58	1.57	9.47	7.15	1.58	10.09	7.18	1.59	10.40	7.75	1.60	11.03	7.72	1.62	11.34	7.71	1.63	11.65	8.23	1.63			
		5	7.79	6.35	1.83	8.68	6.40	1.85	8.97	6.95	1.86	9.57	6.98	1.88	9.86	7.53	1.89	10.45	7.50	1.91	10.75	7.49	1.92	11.05	7.99	1.93			
		10	7.92	6.41	2.02	8.82	6.45	2.05	9.12	7.01	2.06	9.73	7.04	2.08	10.03	7.60	2.09	10.63	7.57	2.11	10.93	7.56	2.12	11.23	8.06	2.13			
		15	8.70	6.75	2.23	9.69	6.80	2.26	10.02	7.38	2.27	10.68	7.41	2.30	11.01	8.00	2.31	11.67	7.97	2.33	12.00	7.96	2.34	12.33	8.49	2.35			
		20	8.53	6.68	2.10	9.50	6.72	2.13	9.83	7.30	2.14	10.47	7.33	2.16	10.80	7.91	2.17	11.45	7.89	2.19	11.77	7.87	2.20	12.09	8.40	2.21			
		25	9.14	6.94	2.90	10.18	6.99	2.95	10.52	7.59	2.96	11.22	7.62	2.99	11.56	8.23	3.01	12.26	8.20	3.04	12.61	8.18	3.05	12.95	8.73	3.07			
		30	8.52	6.67	3.13	9.49	6.72	3.18	9.81	7.30	3.20	10.46	7.33	3.23	10.78	7.91	3.25	11.43	7.88	3.28	11.75	7.87	3.30	12.08	8.39	3.31			
		35	7.90	6.40	3.44	8.80	6.44	3.49	9.10	7.00	3.51	9.70	7.03	3.54	10.00	7.59	3.56	10.60	7.56	3.58	10.90	7.55	3.58	11.20	8.05	3.58			
		40	6.39	5.45	3.16	7.11	5.49	3.20	7.36	5.96	3.22	7.84	5.99	3.25	8.08	6.59	3.27	8.57	6.44	3.30	8.81	6.43	3.32	9.05	6.85	3.34			
46	4.20	4.20	2.35	4.68	4.29	2.39	4.84	4.66	2.40	5.16	4.68	2.43	5.32	5.06	2.44	5.64	5.04	2.46	5.80	5.03	2.48	5.96	5.36	2.49					

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
7+9+9+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.25	6.67	1.62	9.19	6.71	1.64	9.50	7.29	1.65	10.13	7.32	1.67	10.44	7.90	1.67	11.07	7.87	1.69	11.38	7.86	1.70	11.69	8.38	1.71			
		5	7.87	6.50	1.84	8.77	6.54	1.87	9.07	7.11	1.88	9.66	7.14	1.90	9.96	7.71	1.91	10.56	7.68	1.93	10.86	7.67	1.94	11.16	8.18	1.95			
		10	7.98	6.55	1.91	8.89	6.59	1.94	9.19	7.16	1.95	9.79	7.19	1.97	10.10	7.76	1.98	10.70	7.73	2.00	11.01	7.72	2.01	11.31	8.24	2.01			
		15	8.74	6.88	2.29	9.73	6.92	2.32	10.06	7.53	2.33	10.73	7.55	2.36	11.06	8.15	2.37	11.72	8.13	2.39	12.05	8.11	2.41	12.38	8.65	2.42			
		20	8.62	6.83	2.11	9.60	6.88	2.14	9.93	7.47	2.15	10.59	7.50	2.18	10.91	8.10	2.19	11.57	8.07	2.21	11.90	8.05	2.22	12.22	8.59	2.23			
		25	9.19	7.08	2.95	10.24	7.12	2.99	10.59	7.74	3.01	11.28	7.77	3.04	11.63	8.39	3.05	12.33	8.36	3.09	12.68	8.34	3.10	13.03	8.90	3.12			
		30	8.58	6.81	3.17	9.56	6.86	3.22	9.89	7.45	3.24	10.54	7.48	3.27	10.87	8.08	3.29	11.52	8.05	3.32	11.84	8.03	3.34	12.17	8.57	3.36			
		35	7.98	6.55	3.45	8.89	6.59	3.51	9.19	7.16	3.53	9.80	7.19	3.58	10.10	7.76	3.58	10.71	7.73	3.58	11.01	7.72	3.58	11.31	8.24	3.58			
		40	6.46	5.60	3.16	7.20	5.63	3.20	7.44	6.12	3.22	7.93	6.14	3.25	8.18	6.63	3.27	8.67	6.61	3.30	8.91	6.60	3.32	9.16	7.04	3.34			
46	4.24	4.24	2.35	4.72	4.36	2.39	4.89	4.73	2.40	5.21	4.75	2.43	5.37	5.13	2.44	5.69	5.11	2.46	5.85	5.10	2.48	6.01	5.44	2.49					

● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 18000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+9+9+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	8.80	7.09	1.86	9.80	7.14	1.89	10.14	7.76	1.90	10.81	7.79	1.92	11.14	8.41	1.93	11.81	8.38	1.95	12.14	8.36	1.96	12.48	8.92	1.97		
		5	8.53	6.97	1.99	9.50	7.02	2.02	9.83	7.63	2.03	10.47	7.66	2.05	10.80	8.27	2.06	11.45	8.24	2.08	11.77	8.22	2.09	12.09	8.77	2.10		
		10	8.56	6.99	2.05	9.54	7.03	2.08	9.86	7.64	2.09	10.51	7.67	2.11	10.84	8.28	2.12	11.49	8.25	2.14	11.81	8.24	2.15	12.14	8.79	2.16		
		15	8.63	7.02	1.82	9.61	7.06	1.85	9.94	7.67	1.86	10.59	7.70	1.87	10.92	8.32	1.88	11.58	8.29	1.90	11.90	8.27	1.91	12.23	8.82	1.92		
		20	8.64	7.02	2.10	9.62	7.07	2.14	9.95	7.68	2.15	10.61	7.71	2.17	10.93	8.32	2.18	11.59	8.29	2.20	11.92	8.28	2.21	12.25	8.83	2.22		
		25	9.11	7.23	2.99	10.15	7.27	3.03	10.49	7.90	3.05	11.18	7.93	3.08	11.53	8.56	3.09	12.22	8.53	3.12	12.57	8.52	3.14	12.91	9.09	3.16		
		30	8.55	6.98	3.20	9.52	7.03	3.25	9.85	7.64	3.27	10.50	7.67	3.30	10.82	8.27	3.32	11.47	8.25	3.35	11.79	8.23	3.37	12.12	8.78	3.39		
		35	7.98	6.73	3.44	8.89	6.78	3.49	9.19	7.36	3.51	9.80	7.39	3.54	10.10	7.98	3.56	10.71	7.95	3.58	11.01	7.94	3.58	11.31	8.47	3.58		
		40	6.61	5.89	3.16	7.36	5.92	3.20	7.62	6.44	3.22	8.12	6.46	3.25	8.37	6.97	3.27	8.87	6.95	3.30	9.12	6.94	3.32	9.37	7.40	3.34		
46	4.32	4.32	2.35	4.81	4.48	2.39	4.98	4.87	2.40	5.31	4.89	2.43	5.47	5.28	2.44	5.80	5.26	2.46	5.96	5.25	2.48	6.13	5.60	2.49				

● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 12000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
7+9+12+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.15	6.64	1.64	9.07	6.68	1.66	9.38	7.26	1.67	10.00	7.29	1.69	10.31	7.86	1.70	10.93	7.84	1.71	11.24	7.82	1.72	11.55	8.34	1.73			
		5	7.80	6.48	1.84	8.69	6.53	1.86	8.98	7.09	1.87	9.58	7.12	1.89	9.87	7.69	1.90	10.47	7.66	1.92	10.76	7.64	1.93	11.06	8.15	1.94			
		10	7.89	6.52	1.90	8.79	6.57	1.93	9.09	7.13	1.94	9.69	7.16	1.96	9.99	7.73	1.97	10.59	7.70	1.99	10.89	7.69	2.00	11.19	8.20	2.00			
		15	8.62	6.84	2.30	9.61	6.89	2.33	9.93	7.49	2.35	10.59	7.51	2.37	10.92	8.11	2.38	11.57	8.08	2.40	11.90	8.07	2.42	12.23	8.61	2.43			
		20	8.54	6.81	2.10	9.51	6.85	2.13	9.84	7.45	2.14	10.49	7.47	2.16	10.81	8.07	2.18	11.46	8.04	2.20	11.78	8.03	2.21	12.11	8.56	2.22			
		25	9.08	7.04	2.94	10.11	7.09	2.99	10.46	7.70	3.01	11.15	7.73	3.04	11.49	8.35	3.05	12.18	8.32	3.08	12.53	8.30	3.10	12.87	8.86	3.11			
		30	8.49	6.79	3.17	9.46	6.83	3.22	9.78	7.42	3.23	10.42	7.45	3.27	10.75	8.04	3.28	11.39	8.01	3.32	11.71	8.00	3.33	12.04	8.53	3.35			
		35	7.90	6.53	3.44	8.80	6.57	3.49	9.10	7.14	3.51	9.70	7.17	3.54	10.00	7.74	3.56	10.60	7.71	3.58	10.90	7.70	3.58	11.20	8.21	3.58			
		40	6.50	5.67	3.16	7.24	5.70	3.20	7.49	6.20	3.22	7.98	6.22	3.25	8.23	6.72	3.27	8.72	6.69	3.30	8.97	6.68	3.32	9.21	7.13	3.34			
46	4.26	4.26	2.35	4.75	4.39	2.39	4.91	4.77	2.40	5.23	4.79	2.43	5.39	5.17	2.44	5.72	5.15	2.46	5.88	5.14	2.48	6.04	5.48	2.49					

● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
7+9+12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.82	7.05	1.84	9.82	7.10	1.87	10.16	7.71	1.88	10.83	7.74	1.90	11.16	8.36	1.91	11.83	8.33	1.93	12.17	8.31	1.93	12.50	8.87	1.94			
		5	8.51	6.92	2.00	9.48	6.96	2.03	9.80	7.57	2.04	10.45	7.60	2.06	10.77	8.20	2.07	11.42	8.17	2.09	11.74	8.15	2.10	12.07	8.70	2.11			
		10	8.57	6.94	2.06	9.54	6.99	2.09	9.87	7.59	2.10	10.52	7.62	2.12	10.84	8.23	2.13	11.49	8.20	2.15	11.82	8.18	2.16	12.15	8.73	2.17			
		15	8.66	6.98	1.83	9.64	7.03	1.86	9.97	7.63	1.87	10.63	7.66	1.89	10.96	8.27	1.90	11.61	8.24	1.91	11.94	8.23	1.92	12.27	8.78	1.93			
		20	8.63	6.97	2.11	9.62	7.02	2.15	9.95	7.62	2.16	10.60	7.65	2.18	10.93	8.26	2.19	11.58	8.23	2.21	11.91	8.22	2.22	12.24	8.77	2.23			
		25	9.13	7.19	2.99	10.17	7.23	3.04	10.52	7.86	3.05	11.21	7.89	3.08	11.56	8.52	3.10	12.25	8.49	3.13	12.60	8.47	3.14	12.94	9.04	3.16			
		30	8.56	6.94	3.21	9.53	6.98	3.26	9.86	7.59	3.28	10.51	7.62	3.31	10.83	8.22	3.33	11.48	8.19	3.36	11.81	8.18	3.38	12.13	8.72	3.39			
		35	7.98	6.69	3.45	8.89	6.73	3.51	9.19	7.31	3.53	9.80	7.34	3.58	10.10	7.92	3.58	10.71	7.89	3.58	11.01	7.88	3.58	11.31	8.41	3.58			
		40	6.57	5.81	3.16	7.32	5.85	3.20	7.57	6.36	3.22	8.07	6.38	3.25	8.32	6.89	3.27	8.82	6.86	3.30	9.07	6.85	3.32	9.32	7.31	3.34			
46	4.30	4.30	2.35	4.79	4.45	2.39	4.96	4.84	2.40	5.28	4.86	2.43	5.45	5.24	2.44	5.77	5.22	2.46	5.94	5.21	2.48	6.10	5.56	2.49					

● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 18000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB						
7+9+12+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.76	7.45	1.96	9.76	7.50	1.99	10.09	8.15	2.00	10.76	8.18	2.02	11.09	8.83	2.03	11.76	8.80	2.05	12.09	8.79	2.06	12.42	9.37	2.07			
		5	8.62	7.39	2.00	9.60	7.44	2.03	9.92	8.08	2.04	10.58	8.11	2.06	10.91	8.76	2.07	11.56	8.73	2.09	11.89	8.71	2.10	12.22	9.29	2.12			
		10	8.56	7.36	2.05	9.53	7.41	2.08	9.86	8.05	2.09	10.51	8.08	2.11	10.83	8.73	2.12	11.48	8.69	2.15	11.81	8.68	2.16	12.13	9.26	2.17			
		15	8.54	7.35	1.82	9.51	7.40	1.84	9.84	8.04	1.85	10.48	8.07	1.87	10.81	8.72	1.88	11.46	8.68	1.90	11.78	8.67	1.91	12.11	9.25	1.92			
		20	8.65	7.41	2.11	9.64	7.45	2.14	9.97	8.10	2.15	10.62	8.13	2.17	10.95	8.78	2.18	11.61	8.75	2.21	11.94	8.73	2.22	12.27	9.31	2.23			
		25	9.04	7.58	3.03	10.07	7.63	3.07	10.42	8.29	3.09	11.10	8.32	3.12	11.45	8.98	3.14	12.13	8.95	3.17	12.48	8.94	3.18	12.82	9.53	3.20			
		30	8.52	7.35	3.24	9.49	7.39	3.29	9.82	8.03	3.31	10.46	8.07	3.34	10.79	8.71	3.36	11.43	8.68	3.39	11.76	8.66	3.41	12.08	9.24	3.43			
		35	7.98	7.10	3.44	8.89	7.15	3.49	9.19	7.77	3.51	9.80	7.80	3.54	10.10	8.42	3.56	10.71	8.39	3.58	11.01	8.37	3.58	11.31	8.93	3.58			
		40	6.72	6.10	3.16	7.49	6.14	3.20	7.75	6.67	3.22	8.26	6.70	3.25	8.51	7.23	3.27	9.02	7.21	3.30	9.28	7.19	3.32	9.53	7.67	3.34			
46	4.38	4.38	2.35	4.88	4.58	2.39	5.05	4.97	2.40	5.38	4.99	2.43	5.55	5.39	2.44	5.88	5.37	2.46	6.05	5.36	2.48	6.21	5.72	2.49					

● Indoor unit : 7000Btu + 9000Btu + 14000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
7+9+14+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.79	7.14	1.91	9.79	7.18	1.93	10.12	7.80	1.94	10.79	7.83	1.96	11.12	8.46	1.97	11.79	8.43	1.99	12.12	8.41	2.00	12.46	8.97	2.01			
		5	8.56	7.03	2.00	9.53	7.08	2.04	9.85	7.69	2.05	10.50	7.72	2.07	10.83	8.34	2.08	11.48	8.31	2.10	11.80	8.29	2.11	12.13	8.85	2.12			
		10	8.56	7.04	2.06	9.53	7.08	2.09	9.86	7.70	2.10	10.51	7.73	2.12	10.83	8.34	2.13	11.48	8.31	2.16	11.81	8.29	2.17	12.13	8.85	2.18			
		15	8.60	7.05	1.83	9.58	7.10	1.86	9.90	7.71	1.87	10.56	7.74	1.88	10.88	8.36	1.89	11.54	8.33	1.91	11.86	8.31	1.92	12.19	8.87	1.93			
		20	8.64	7.07	2.12	9.63	7.12	2.15	9.96	7.74	2.16	10.61	7.77	2.18	10.94	8.38	2.19	11.60	8.35	2.21	11.92	8.34	2.23	12.25	8.89	2.24			
		25	9.09	7.27	3.02	10.12	7.31	3.06	10.47	7.95	3.08	11.16	7.98	3.11	11.50	8.61	3.13	12.19	8.58	3.16	12.54	8.57	3.17	12.88	9.14	3.19			
		30	8.54	7.03	3.23	9.51	7.07	3.29	9.84	7.69	3.30	10.49	7.72	3.34	10.81	8.33	3.35	11.46	8.30	3.39	11.78	8.28	3.40	12.11	8.84	3.42			
		35	7.98	6.78	3.45	8.89	6.83	3.51	9.19	7.42	3.53	9.80	7.45	3.58	10.10	8.04	3.58	10.71	8.01	3.58	11.01	8.00	3.58	11.31	8.53	3.58			
		40	6.65	5.96	3.16	7.41	6.00	3.20	7.66	6.52	3.22	8.16	6.54	3.25	8.42	7.06	3.27	8.92	7.04	3.30	9.17	7.02	3.32	9.43	7.49	3.34			
		46	4.34	4.34	2.35	4.84	4.51	2.39	5.00	4.91	2.40	5.33	4.92	2.43	5.50	5.32	2.44	5.83	5.30	2.46	5.99	5.29	2.48	6.16	5.64	2.49			

● Indoor unit : 7000Btu + 9000Btu + 14000Btu + 18000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
7+9+14+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.75	7.33	2.03	9.74	7.38	2.06	10.08	8.02	2.07	10.74	8.05	2.09	11.07	8.69	2.11	11.74	8.66	2.13	12.07	8.64	2.14	12.40	9.22	2.15			
		5	8.69	7.31	2.01	9.68	7.35	2.05	10.01	7.99	2.06	10.67	8.02	2.08	11.00	8.66	2.09	11.66	8.63	2.11	11.99	8.61	2.12	12.33	9.19	2.13			
		10	8.56	7.25	2.06	9.54	7.30	2.09	9.86	7.93	2.10	10.52	7.96	2.12	10.84	8.59	2.13	11.49	8.56	2.15	11.82	8.55	2.16	12.14	9.12	2.18			
		15	8.48	7.21	1.82	9.44	7.26	1.85	9.77	7.89	1.86	10.41	7.92	1.88	10.73	8.55	1.89	11.38	8.52	1.90	11.70	8.50	1.91	12.02	9.07	1.92			
		20	8.66	7.29	2.12	9.65	7.34	2.15	9.98	7.98	2.16	10.64	8.01	2.18	10.97	8.64	2.19	11.62	8.61	2.21	11.95	8.60	2.23	12.28	9.17	2.24			
		25	9.00	7.44	3.06	10.02	7.49	3.11	10.36	8.14	3.13	11.05	8.17	3.16	11.39	8.82	3.17	12.07	8.78	3.20	12.41	8.77	3.22	12.75	9.35	3.24			
		30	8.50	7.22	3.27	9.47	7.27	3.32	9.80	7.90	3.34	10.44	7.93	3.38	10.76	8.56	3.39	11.41	8.53	3.43	11.73	8.52	3.44	12.06	9.08	3.46			
		35	7.98	6.99	3.45	8.89	7.04	3.51	9.19	7.65	3.53	9.80	7.68	3.58	10.10	8.29	3.58	10.71	8.26	3.58	11.01	8.24	3.58	11.31	8.80	3.58			
40	6.80	6.25	3.16	7.57	6.29	3.20	7.83	6.83	3.22	8.35	6.86	3.25	8.61	7.40	3.27	9.12	7.38	3.30	9.38	7.36	3.32	9.64	7.85	3.34					
46	4.42	4.42	2.35	4.93	4.64	2.39	5.09	5.04	2.40	5.43	5.06	2.43	5.60	5.47	2.44	5.93	5.45	2.46	6.10	5.44	2.48	6.27	5.80	2.49					

● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 12000Btu

				Indoor temperature																									
				°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
				°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+12+12+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.80	7.09	1.86	9.80	7.14	1.89	10.14	7.76	1.90	10.81	7.79	1.92	11.14	8.40	1.93	11.81	8.37	1.95	12.14	8.36	1.96	12.48	8.92	1.97			
		5	8.53	6.97	1.99	9.50	7.02	2.02	9.83	7.63	2.03	10.47	7.66	2.05	10.80	8.26	2.06	11.45	8.23	2.08	11.77	8.22	2.09	12.09	8.77	2.10			
		10	8.56	6.99	2.05	9.54	7.03	2.08	9.86	7.64	2.09	10.51	7.67	2.11	10.84	8.28	2.12	11.49	8.25	2.14	11.81	8.24	2.15	12.14	8.79	2.16			
		15	8.63	7.02	1.82	9.61	7.06	1.85	9.94	7.67	1.86	10.59	7.70	1.87	10.92	8.31	1.88	11.58	8.28	1.90	11.90	8.27	1.91	12.23	8.82	1.92			
		20	8.64	7.02	2.10	9.62	7.07	2.14	9.95	7.68	2.15	10.61	7.71	2.17	10.93	8.32	2.18	11.59	8.29	2.20	11.92	8.27	2.21	12.25	8.83	2.22			
		25	9.11	7.23	2.99	10.15	7.27	3.03	10.49	7.90	3.05	11.18	7.93	3.08	11.53	8.56	3.09	12.22	8.53	3.12	12.57	8.52	3.14	12.91	9.09	3.16			
		30	8.55	6.98	3.20	9.52	7.03	3.25	9.85	7.63	3.27	10.50	7.66	3.30	10.82	8.27	3.32	11.47	8.24	3.35	11.79	8.23	3.37	12.12	8.78	3.39			
		35	7.98	6.73	3.44	8.89	6.78	3.49	9.19	7.36	3.51	9.80	7.39	3.54	10.10	7.98	3.56	10.71	7.95	3.58	11.01	7.94	3.58	11.31	8.47	3.58			
		40	6.61	5.89	3.16	7.36	5.92	3.20	7.62	6.44	3.22	8.12	6.46	3.25	8.37	6.97	3.27	8.87	6.95	3.30	9.12	6.94	3.32	9.37	7.40	3.34			
46	4.32	4.32	2.35	4.81	4.48	2.39	4.98	4.87	2.40	5.31	4.89	2.43	5.47	5.28	2.44	5.80	5.26	2.46	5.96	5.25	2.48	6.13	5.60	2.49					

● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 14000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
7+12+12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.77	7.18	1.94	9.77	7.23	1.97	10.10	7.85	1.98	10.77	7.88	2.00	11.10	8.51	2.01	11.77	8.48	2.03	12.10	8.46	2.04	12.44	9.03	2.05
		5	8.58	7.10	2.01	9.56	7.14	2.04	9.89	7.76	2.05	10.54	7.79	2.07	10.87	8.41	2.08	11.52	8.38	2.10	11.84	8.37	2.11	12.17	8.92	2.12
		10	8.56	7.09	2.06	9.53	7.13	2.09	9.86	7.75	2.10	10.51	7.78	2.12	10.83	8.40	2.13	11.48	8.37	2.16	11.81	8.35	2.17	12.13	8.91	2.18
		15	8.57	7.09	1.83	9.55	7.14	1.86	9.87	7.76	1.87	10.52	7.79	1.88	10.85	8.40	1.89	11.50	8.37	1.91	11.82	8.36	1.92	12.15	8.92	1.93
		20	8.65	7.13	2.12	9.63	7.17	2.15	9.96	7.79	2.16	10.62	7.82	2.18	10.95	8.44	2.19	11.60	8.41	2.22	11.93	8.40	2.23	12.26	8.96	2.24
		25	9.06	7.31	3.03	10.10	7.35	3.08	10.44	7.99	3.09	11.13	8.02	3.12	11.47	8.66	3.14	12.16	8.63	3.17	12.51	8.61	3.19	12.85	9.19	3.20
		30	8.53	7.07	3.25	9.50	7.12	3.30	9.83	7.74	3.31	10.47	7.77	3.35	10.80	8.38	3.36	11.45	8.35	3.40	11.77	8.34	3.42	12.09	8.90	3.43
		35	7.98	6.83	3.45	8.89	6.88	3.51	9.19	7.47	3.53	9.80	7.50	3.58	10.10	8.10	3.58	10.71	8.07	3.58	11.01	8.06	3.58	11.31	8.59	3.58
		40	6.69	6.03	3.16	7.45	6.07	3.20	7.70	6.59	3.22	8.21	6.62	3.25	8.46	7.15	3.27	8.97	7.12	3.30	9.23	7.11	3.32	9.48	7.58	3.34
46	4.36	4.36	2.35	4.86	4.55	2.39	5.03	4.94	2.40	5.36	4.96	2.43	5.52	5.35	2.44	5.85	5.33	2.46	6.02	5.32	2.48	6.18	5.68	2.49		

● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 18000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
7+12+12+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.74	7.38	2.06	9.74	7.43	2.09	10.07	8.08	2.10	10.74	8.11	2.12	11.07	8.75	2.13	11.73	8.72	2.15	12.06	8.70	2.17	12.40	9.29	2.18			
		5	8.74	7.38	2.01	9.73	7.43	2.04	10.07	8.07	2.05	10.73	8.11	2.08	11.06	8.75	2.09	11.73	8.72	2.11	12.06	8.70	2.12	12.39	9.28	2.13			
		10	8.57	7.31	2.05	9.55	7.36	2.09	9.87	7.99	2.10	10.52	8.02	2.12	10.85	8.66	2.13	11.50	8.63	2.15	11.82	8.61	2.16	12.15	9.19	2.17			
		15	8.45	7.25	1.81	9.41	7.30	1.84	9.73	7.93	1.85	10.37	7.97	1.87	10.69	8.60	1.88	11.33	8.57	1.90	11.65	8.55	1.91	11.97	9.12	1.92			
		20	8.67	7.35	2.11	9.66	7.40	2.14	9.99	8.04	2.15	10.65	8.07	2.18	10.97	8.71	2.19	11.63	8.68	2.21	11.96	8.67	2.22	12.29	9.25	2.23			
		25	8.97	7.49	3.07	9.99	7.53	3.11	10.34	8.19	3.13	11.02	8.22	3.16	11.36	8.87	3.18	12.04	8.84	3.21	12.38	8.82	3.23	12.72	9.41	3.24			
		30	8.50	7.28	3.28	9.46	7.32	3.33	9.79	7.96	3.34	10.43	7.99	3.38	10.75	8.62	3.40	11.40	8.59	3.43	11.72	8.58	3.45	12.04	9.15	3.46			
		35	7.98	7.05	3.44	8.89	7.10	3.49	9.19	7.71	3.51	9.80	7.74	3.54	10.10	8.36	3.56	10.71	8.33	3.58	11.01	8.31	3.58	11.31	8.87	3.58			
		40	6.84	6.32	3.16	7.62	6.36	3.20	7.88	6.91	3.22	8.40	6.94	3.25	8.66	7.49	3.27	9.17	7.46	3.30	9.43	7.45	3.32	9.69	7.95	3.34			
46	4.44	4.44	2.35	4.95	4.67	2.39	5.12	5.08	2.40	5.46	5.10	2.43	5.62	5.50	2.44	5.96	5.48	2.46	6.13	5.47	2.48	6.30	5.84	2.49					

● Indoor unit : 7000Btu + 12000Btu + 14000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
7+12+14+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.75	7.28	2.00	9.75	7.32	2.04	10.08	7.96	2.05	10.75	7.99	2.07	11.08	8.63	2.08	11.75	8.59	2.10	12.08	8.58	2.11	12.41	9.15	2.12			
		5	8.65	7.23	2.02	9.64	7.28	2.05	9.97	7.91	2.06	10.62	7.94	2.08	10.95	8.57	2.09	11.61	8.54	2.11	11.94	8.53	2.12	12.27	9.10	2.13			
		10	8.56	7.19	2.06	9.54	7.24	2.09	9.86	7.87	2.11	10.51	7.90	2.13	10.84	8.53	2.14	11.49	8.49	2.16	11.81	8.48	2.17	12.14	9.05	2.18			
		15	8.51	7.17	1.83	9.48	7.22	1.85	9.80	7.84	1.86	10.45	7.87	1.88	10.77	8.50	1.89	11.42	8.47	1.91	11.74	8.45	1.92	12.06	9.02	1.93			
		20	8.66	7.24	2.12	9.64	7.28	2.15	9.97	7.91	2.16	10.63	7.94	2.19	10.96	8.58	2.20	11.62	8.54	2.22	11.95	8.53	2.23	12.27	9.10	2.24			
		25	9.02	7.39	3.06	10.05	7.44	3.10	10.39	8.09	3.12	11.07	8.12	3.15	11.42	8.76	3.17	12.10	8.73	3.20	12.44	8.72	3.21	12.79	9.30	3.23			
		30	8.51	7.17	3.27	9.48	7.22	3.32	9.81	7.84	3.34	10.45	7.87	3.37	10.78	8.50	3.39	11.42	8.47	3.42	11.75	8.45	3.44	12.07	9.02	3.46			
		35	7.98	6.94	3.45	8.89	6.98	3.51	9.19	7.59	3.53	9.80	7.62	3.58	10.10	8.22	3.58	10.71	8.19	3.58	11.01	8.18	3.58	11.31	8.73	3.58			
		40	6.76	6.17	3.16	7.53	6.21	3.20	7.79	6.75	3.22	8.30	6.78	3.25	8.56	7.32	3.27	9.07	7.29	3.30	9.33	7.28	3.32	9.59	7.76	3.34			
46	4.40	4.40	2.35	4.90	4.61	2.39	5.07	5.01	2.40	5.41	5.03	2.43	5.57	5.43	2.44	5.91	5.41	2.46	6.07	5.40	2.48	6.24	5.76	2.49					

● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 9000Btu

				Indoor temperature																									
				°CDB		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB		12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
9+9+9+9	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	7.87	6.56	1.45	8.76	6.60	1.47	9.06	7.17	1.48	9.66	7.20	1.49	9.96	7.77	1.50	10.55	7.74	1.51	10.85	7.73	1.52	11.15	8.24	1.53			
		5	7.44	6.36	1.74	8.28	6.40	1.76	8.57	6.96	1.77	9.13	6.98	1.79	9.41	7.54	1.80	9.98	7.51	1.82	10.26	7.50	1.83	10.54	8.00	1.84			
		10	7.57	6.42	1.89	8.43	6.46	1.92	8.72	7.02	1.93	9.29	7.05	1.95	9.58	7.61	1.96	10.15	7.58	1.98	10.44	7.57	1.99	10.73	8.07	2.00			
		15	8.72	6.94	2.20	9.72	6.99	2.24	10.05	7.59	2.25	10.71	7.62	2.27	11.04	8.23	2.28	11.70	8.20	2.31	12.04	8.19	2.32	12.37	8.73	2.33			
		20	8.53	6.86	2.09	9.50	6.90	2.13	9.82	7.50	2.14	10.47	7.53	2.16	10.79	8.12	2.17	11.44	8.10	2.19	11.77	8.08	2.20	12.09	8.62	2.21			
		25	9.15	7.14	2.89	10.20	7.19	2.94	10.54	7.81	2.95	11.24	7.84	2.98	11.59	8.46	3.00	12.28	8.43	3.03	12.63	8.42	3.04	12.98	8.98	3.06			
		30	8.53	6.86	3.12	9.50	6.90	3.17	9.82	7.50	3.19	10.47	7.53	3.22	10.79	8.12	3.23	11.44	8.10	3.27	11.76	8.08	3.28	12.09	8.62	3.30			
		35	7.90	6.57	3.44	8.80	6.61	3.49	9.10	7.19	3.51	9.70	7.21	3.54	10.00	7.79	3.56	10.60	7.76	3.58	10.90	7.75	3.58	11.20	8.26	3.58			
		40	6.35	5.38	3.16	7.07	5.41	3.20	7.31	5.88	3.22	7.79	5.91	3.25	8.03	6.37	3.27	8.52	6.35	3.30	8.76	6.34	3.32	9.00	6.76	3.34			
46	4.18	4.18	2.35	4.66	4.26	2.39	4.82	4.63	2.40	5.13	4.65	2.43	5.29	5.02	2.44	5.61	5.00	2.46	5.77	4.99	2.48	5.93	5.32	2.49					

● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 12000Btu

		Indoor temperature																										
		18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
9+9+9+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	8.17	6.60	1.61	9.10	6.64	1.64	9.41	7.22	1.65	10.03	7.25	1.66	10.34	7.82	1.67	10.96	7.80	1.69	11.27	7.78	1.70	11.58	8.30	1.70		
		5	7.79	6.44	1.84	8.68	6.48	1.87	8.98	7.04	1.88	9.57	7.07	1.90	9.86	7.63	1.90	10.46	7.60	1.92	10.75	7.59	1.93	11.05	8.10	1.94		
		10	7.90	6.48	1.90	8.80	6.53	1.93	9.10	7.09	1.94	9.70	7.12	1.96	10.00	7.68	1.97	10.60	7.66	1.99	10.90	7.64	2.00	11.20	8.15	2.01		
		15	8.65	6.81	2.28	9.63	6.86	2.32	9.96	7.45	2.33	10.62	7.48	2.35	10.95	8.07	2.36	11.61	8.04	2.39	11.93	8.03	2.40	12.26	8.57	2.41		
		20	8.54	6.76	2.10	9.51	6.81	2.14	9.83	7.40	2.15	10.48	7.43	2.17	10.81	8.02	2.18	11.45	7.99	2.20	11.78	7.97	2.21	12.10	8.50	2.22		
		25	9.10	7.01	2.94	10.14	7.05	2.99	10.48	7.67	3.00	11.17	7.70	3.03	11.52	8.31	3.05	12.21	8.28	3.08	12.55	8.26	3.09	12.90	8.81	3.11		
		30	8.50	6.75	3.17	9.47	6.79	3.21	9.79	7.38	3.23	10.44	7.41	3.26	10.76	8.00	3.28	11.40	7.97	3.31	11.73	7.95	3.33	12.05	8.48	3.35		
		35	7.90	6.49	3.45	8.80	6.53	3.51	9.10	7.09	3.53	9.70	7.12	3.58	10.00	7.69	3.58	10.60	7.66	3.58	10.90	7.64	3.58	11.20	8.15	3.58		
		40	6.46	5.60	3.16	7.20	5.63	3.20	7.44	6.12	3.22	7.93	6.14	3.25	8.18	6.63	3.27	8.67	6.61	3.30	8.91	6.60	3.32	9.16	7.04	3.34		
46	4.24	4.24	2.35	4.72	4.36	2.39	4.89	4.73	2.40	5.21	4.75	2.43	5.37	5.13	2.44	5.69	5.11	2.46	5.85	5.10	2.48	6.01	5.44	2.49				

● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 14000Btu

		Indoor temperature																								
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
9+9+9+14	Outdoor temperature	0	8.21	6.74	1.68	9.14	6.78	1.70	9.45	7.37	1.71	10.08	7.40	1.73	10.39	7.99	1.74	11.01	7.96	1.76	11.32	7.94	1.76	11.63	8.47	1.77
		5	7.89	6.60	1.85	8.79	6.64	1.88	9.09	7.22	1.89	9.69	7.25	1.91	9.99	7.82	1.92	10.58	7.79	1.94	10.88	7.78	1.95	11.18	8.30	1.96
		10	7.96	6.63	1.91	8.87	6.67	1.94	9.17	7.25	1.95	9.77	7.28	1.97	10.08	7.86	1.98	10.68	7.83	2.00	10.98	7.82	2.01	11.29	8.34	2.02
		15	8.68	6.95	1.83	9.67	6.99	1.86	10.00	7.60	1.87	10.66	7.63	1.89	10.99	8.23	1.90	11.65	8.20	1.92	11.98	8.19	1.92	12.31	8.73	1.93
		20	8.63	6.92	2.11	9.61	6.97	2.15	9.94	7.57	2.16	10.60	7.60	2.18	10.92	8.20	2.19	11.58	8.18	2.21	11.91	8.16	2.22	12.23	8.71	2.23
		25	9.15	7.15	2.98	10.19	7.20	3.02	10.54	7.82	3.04	11.23	7.85	3.07	11.58	8.47	3.08	12.28	8.44	3.11	12.62	8.43	3.13	12.97	8.99	3.14
		30	8.57	6.90	3.20	9.54	6.94	3.25	9.87	7.54	3.26	10.52	7.57	3.30	10.84	8.17	3.31	11.49	8.14	3.35	11.82	8.13	3.36	12.14	8.67	3.38
		35	7.98	6.64	3.45	8.89	6.68	3.51	9.19	7.26	3.53	9.80	7.29	3.58	10.10	7.87	3.58	10.71	7.84	3.58	11.01	7.83	3.58	11.31	8.35	3.58
		40	6.54	5.74	3.16	7.28	5.78	3.20	7.53	6.28	3.22	8.03	6.30	3.25	8.27	6.80	3.27	8.77	6.78	3.30	9.02	6.77	3.32	9.27	7.22	3.34
		46	4.28	4.28	2.35	4.77	4.42	2.39	4.93	4.80	2.40	5.26	4.82	2.43	5.42	5.20	2.44	5.75	5.19	2.46	5.91	5.18	2.48	6.07	5.52	2.49

● Indoor unit* : 9000Btu + 9000Btu + 9000Btu + 18000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
9+9+9+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	8.77	7.49	1.94	9.77	7.54	1.97	10.10	8.19	1.98	10.77	8.23	2.00	11.10	8.88	2.01	11.77	8.85	2.03	12.10	8.83	2.04	12.44	9.42	2.05		
		5	8.58	7.41	2.01	9.56	7.45	2.04	9.89	8.10	2.05	10.54	8.13	2.07	10.87	8.78	2.08	11.52	8.75	2.10	11.84	8.73	2.11	12.17	9.31	2.12		
		10	8.56	7.39	2.06	9.53	7.44	2.09	9.86	8.09	2.10	10.51	8.12	2.12	10.83	8.76	2.13	11.48	8.73	2.16	11.81	8.72	2.17	12.13	9.30	2.18		
		15	8.57	7.40	1.83	9.55	7.45	1.86	9.87	8.09	1.87	10.52	8.12	1.88	10.85	8.77	1.89	11.50	8.74	1.91	11.82	8.72	1.92	12.15	9.30	1.93		
		20	8.65	7.44	2.12	9.63	7.48	2.15	9.96	8.13	2.16	10.62	8.16	2.18	10.95	8.81	2.19	11.60	8.78	2.22	11.93	8.76	2.23	12.26	9.35	2.24		
		25	9.06	7.63	3.03	10.10	7.67	3.08	10.44	8.34	3.09	11.13	8.37	3.12	11.47	9.04	3.14	12.16	9.00	3.17	12.51	8.99	3.19	12.85	9.59	3.20		
		30	8.53	7.38	3.25	9.50	7.43	3.30	9.83	8.07	3.31	10.47	8.11	3.35	10.80	8.75	3.36	11.45	8.72	3.40	11.77	8.70	3.42	12.09	9.28	3.43		
		35	7.98	7.13	3.45	8.89	7.18	3.51	9.19	7.80	3.53	9.80	7.83	3.58	10.10	8.45	3.58	10.71	8.42	3.58	11.01	8.41	3.58	11.31	8.97	3.58		
		40	6.69	6.03	3.16	7.45	6.07	3.20	7.70	6.59	3.22	8.21	6.62	3.25	8.46	7.15	3.27	8.97	7.12	3.30	9.23	7.11	3.32	9.48	7.58	3.34		
46	4.36	4.36	2.35	4.86	4.55	2.39	5.03	4.94	2.40	5.36	4.96	2.43	5.52	5.35	2.44	5.85	5.33	2.46	6.02	5.32	2.48	6.18	5.68	2.49				

* : The pattern including " AR*G09L + AR*G09L + AR*G09L + AS*G18L " can not be connected.

● Indoor unit : 9000Btu + 9000Btu + 12000Btu + 12000Btu

		Indoor temperature																										
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB		
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB		
9+9+12+12	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP		
		0	8.82	7.05	1.84	9.82	7.10	1.87	10.16	7.71	1.88	10.83	7.74	1.90	11.16	8.36	1.91	11.83	8.33	1.93	12.17	8.31	1.93	12.50	8.87	1.94		
		5	8.51	6.92	2.00	9.48	6.96	2.03	9.80	7.57	2.04	10.45	7.60	2.06	10.77	8.20	2.07	11.42	8.17	2.09	11.74	8.15	2.10	12.07	8.70	2.11		
		10	8.57	6.94	2.06	9.54	6.99	2.09	9.87	7.59	2.10	10.52	7.62	2.12	10.84	8.23	2.13	11.49	8.20	2.15	11.82	8.18	2.16	12.15	8.73	2.17		
		15	8.66	6.98	1.83	9.64	7.03	1.86	9.97	7.63	1.87	10.63	7.66	1.89	10.96	8.27	1.90	11.61	8.24	1.91	11.94	8.23	1.92	12.27	8.78	1.93		
		20	8.63	6.97	2.11	9.62	7.02	2.15	9.95	7.62	2.16	10.60	7.65	2.18	10.93	8.26	2.19	11.58	8.23	2.21	11.91	8.22	2.22	12.24	8.77	2.23		
		25	9.13	7.19	2.99	10.17	7.23	3.04	10.52	7.86	3.05	11.21	7.89	3.08	11.56	8.52	3.10	12.25	8.49	3.13	12.60	8.47	3.14	12.94	9.04	3.16		
		30	8.56	6.94	3.21	9.53	6.98	3.26	9.86	7.59	3.28	10.51	7.62	3.31	10.83	8.22	3.33	11.48	8.19	3.36	11.81	8.18	3.38	12.13	8.72	3.39		
		35	7.98	6.69	3.45	8.89	6.73	3.51	9.19	7.31	3.53	9.80	7.34	3.58	10.10	7.92	3.58	10.71	7.89	3.58	11.01	7.88	3.58	11.31	8.41	3.58		
		40	6.57	5.81	3.16	7.32	5.85	3.20	7.57	6.36	3.22	8.07	6.38	3.25	8.32	6.89	3.27	8.82	6.86	3.30	9.07	6.85	3.32	9.32	7.31	3.34		
46	4.30	4.30	2.35	4.79	4.45	2.39	4.96	4.84	2.40	5.28	4.86	2.43	5.45	5.24	2.44	5.77	5.22	2.46	5.94	5.21	2.48	6.10	5.56	2.48				

● Indoor unit : 9000Btu + 9000Btu + 12000Btu + 14000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
9+9+12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.79	7.14	1.91	9.79	7.18	1.93	10.12	7.80	1.94	10.79	7.83	1.96	11.12	8.46	1.97	11.79	8.43	1.99	12.12	8.41	2.00	12.46	8.97	2.01	12.46	8.97	2.01
		5	8.56	7.03	2.00	9.53	7.08	2.04	9.85	7.69	2.05	10.50	7.72	2.07	10.83	8.34	2.08	11.48	8.31	2.10	11.80	8.29	2.11	12.13	8.85	2.12	12.13	8.85	2.12
		10	8.56	7.04	2.06	9.53	7.08	2.09	9.86	7.70	2.10	10.51	7.73	2.12	10.83	8.34	2.13	11.48	8.31	2.16	11.81	8.29	2.17	12.13	8.85	2.18	12.13	8.85	2.18
		15	8.60	7.05	1.83	9.58	7.10	1.86	9.90	7.71	1.87	10.56	7.74	1.88	10.88	8.36	1.89	11.54	8.33	1.91	11.86	8.31	1.92	12.19	8.87	1.93	12.19	8.87	1.93
		20	8.64	7.07	2.12	9.63	7.12	2.15	9.96	7.74	2.16	10.61	7.77	2.18	10.94	8.38	2.19	11.60	8.35	2.21	11.92	8.34	2.23	12.25	8.89	2.24	12.25	8.89	2.24
		25	9.09	7.27	3.02	10.12	7.31	3.06	10.47	7.95	3.08	11.16	7.98	3.11	11.50	8.61	3.13	12.19	8.58	3.16	12.54	8.57	3.17	12.88	9.14	3.19	12.88	9.14	3.19
		30	8.54	7.03	3.23	9.51	7.07	3.29	9.84	7.69	3.30	10.49	7.72	3.34	10.81	8.33	3.35	11.46	8.30	3.39	11.78	8.28	3.40	12.11	8.84	3.42	12.11	8.84	3.42
		35	7.98	6.78	3.45	8.89	6.83	3.51	9.19	7.42	3.53	9.80	7.45	3.58	10.10	8.04	3.58	10.71	8.01	3.58	11.01	8.00	3.58	11.31	8.53	3.58	11.31	8.53	3.58
		40	6.65	5.96	3.16	7.41	6.00	3.20	7.66	6.52	3.22	8.16	6.54	3.25	8.42	7.06	3.27	8.92	7.04	3.30	9.17	7.02	3.32	9.43	7.49	3.34	9.43	7.49	3.34
46	4.34	4.34	2.35	4.84	4.51	2.39	5.00	4.91	2.40	5.33	4.92	2.43	5.50	5.32	2.44	5.83	5.30	2.46	5.99	5.29	2.48	6.16	5.64	2.49	6.16	5.64	2.49		

● Indoor unit* : 9000Btu + 9000Btu + 12000Btu + 18000Btu

		Indoor temperature																											
		°CDB	18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB					
		°CWB	12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB					
9+9+12+18	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.75	7.33	2.04	9.74	7.38	2.07	10.08	8.02	2.08	10.74	8.05	2.10	11.07	8.69	2.11	11.74	8.66	2.13	12.07	8.64	2.14	12.40	9.22	2.15	12.40	9.22	2.15
		5	8.69	7.31	2.02	9.68	7.35	2.05	10.01	7.99	2.06	10.67	8.02	2.08	11.00	8.66	2.09	11.66	8.63	2.11	11.99	8.61	2.12	12.33	9.19	2.14	12.33	9.19	2.14
		10	8.56	7.25	2.06	9.54	7.30	2.10	9.86	7.93	2.11	10.52	7.96	2.13	10.84	8.59	2.14	11.49	8.56	2.16	11.82	8.55	2.17	12.14	9.12	2.18	12.14	9.12	2.18
		15	8.48	7.21	1.83	9.44	7.26	1.85	9.77	7.89	1.86	10.41	7.92	1.88	10.73	8.55	1.89	11.38	8.52	1.91	11.70	8.50	1.92	12.02	9.07	1.93	12.02	9.07	1.93
		20	8.66	7.29	2.12	9.65	7.34	2.15	9.98	7.98	2.17	10.64	8.01	2.19	10.97	8.64	2.20	11.62	8.61	2.22	11.95	8.60	2.23	12.28	9.17	2.24	12.28	9.17	2.24
		25	9.00	7.44	3.07	10.02	7.49	3.12	10.36	8.14	3.13	11.05	8.17	3.17	11.39	8.82	3.18	12.07	8.78	3.21	12.41	8.77	3.23	12.75	9.35	3.25	12.75	9.35	3.25
		30	8.50	7.22	3.28	9.47	7.27	3.33	9.80	7.90	3.35	10.44	7.93	3.39	10.76	8.56	3.40	11.41	8.53	3.44	11.73	8.52	3.45	12.06	9.08	3.47	12.06	9.08	3.47
		35	7.98	6.99	3.45	8.89	7.04	3.51	9.19	7.65	3.53	9.80	7.68	3.58	10.10	8.29	3.58	10.71	8.26	3.58	11.01	8.24	3.58	11.31	8.80	3.58	11.31	8.80	3.58
		40	6.80	6.25	3.16	7.57	6.29	3.20	7.83	6.83	3.22	8.35	6.86	3.25	8.61	7.40	3.27	9.12	7.38	3.30	9.38	7.36	3.32	9.64	7.85	3.34	9.64	7.85	3.34
		46	4.42	4.42	2.35	4.93	4.64	2.39	5.09	5.04	2.40	5.43	5.06	2.43	5.60	5.47	2.44	5.93	5.45	2.46	6.10	5.44	2.48	6.27	5.80	2.49	6.27	5.80	2.49

* : The pattern including " AR*G09L + AR*G09L + AR*G12L + AS*G18L " can not be connected.

● Indoor unit : 9000Btu + 9000Btu + 14000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
9+9+14+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.74	7.38	2.07	9.74	7.43	2.10	10.07	8.08	2.11	10.74	8.11	2.13	11.07	8.75	2.15	11.73	8.72	2.17	12.06	8.70	2.18	12.40	9.29	2.19	12.40	9.29	2.19
		5	8.74	7.38	2.02	9.73	7.43	2.06	10.07	8.07	2.07	10.73	8.11	2.09	11.06	8.75	2.10	11.73	8.72	2.12	12.06	8.70	2.13	12.39	9.28	2.14	12.39	9.28	2.14
		10	8.57	7.31	2.07	9.55	7.36	2.10	9.87	7.99	2.11	10.52	8.02	2.13	10.85	8.66	2.14	11.50	8.63	2.16	11.82	8.61	2.17	12.15	9.19	2.18	12.15	9.19	2.18
		15	8.45	7.25	1.82	9.41	7.30	1.85	9.73	7.93	1.86	10.37	7.97	1.88	10.69	8.60	1.89	11.33	8.57	1.91	11.65	8.55	1.92	11.97	9.12	1.93	11.97	9.12	1.93
		20	8.67	7.35	2.12	9.66	7.40	2.16	9.99	8.04	2.17	10.65	8.07	2.19	10.97	8.71	2.20	11.63	8.68	2.22	11.96	8.67	2.23	12.29	9.25	2.24	12.29	9.25	2.24
		25	8.97	7.49	3.08	9.99	7.53	3.13	10.34	8.19	3.15	11.02	8.22	3.18	11.36	8.87	3.20	12.04	8.84	3.23	12.38	8.82	3.24	12.72	9.41	3.26	12.72	9.41	3.26
		30	8.50	7.28	3.30	9.46	7.32	3.35	9.79	7.96	3.36	10.43	7.99	3.40	10.75	8.62	3.41	11.40	8.59	3.45	11.72	8.58	3.47	12.04	9.15	3.48	12.04	9.15	3.48
		35	7.98	7.05	3.45	8.89	7.10	3.51	9.19	7.71	3.53	9.80	7.74	3.58	10.10	8.36	3.58	10.71	8.33	3.58	11.01	8.31	3.58	11.31	8.87	3.58	11.31	8.87	3.58
		40	6.72	6.10	3.16	7.49	6.14	3.20	7.75	6.67	3.22	8.26	6.70	3.25	8.51	7.23	3.27	9.02	7.21	3.30	9.28	7.19	3.32	9.53	7.67	3.34	9.53	7.67	3.34
46	4.38	4.38	2.35	4.88	4.58	2.39	5.05	4.97	2.40	5.38	4.99	2.43	5.55	5.39	2.44	5.88	5.37	2.46	6.05	5.36	2.48	6.21	5.72	2.49	6.21	5.72	2.49		

● Indoor unit : 9000Btu + 12000Btu + 12000Btu + 12000Btu

● Indoor unit : 9000Btu + 12000Btu + 12000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
9+12+12+14	Outdoor temperature	(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		0	8.75	7.28	2.00	9.75	7.32	2.04	10.08	7.96	2.05	10.75	7.99	2.07	11.08	8.63	2.08	11.75	8.59	2.10	12.08	8.58	2.11	12.41	9.15	2.12	12.41	9.15	2.12
		5	8.65	7.23	2.02	9.64	7.28	2.05	9.97	7.91	2.06	10.62	7.94	2.08	10.95	8.57	2.09	11.61	8.54	2.11	11.94	8.53	2.12	12.27	9.10	2.13	12.27	9.10	2.13
		10	8.56	7.19	2.06	9.54	7.24	2.09	9.86	7.87	2.11	10.51	7.90	2.13	10.84	8.53	2.14	11.49	8.49	2.16	11.81	8.48	2.17	12.14	9.05	2.18	12.14	9.05	2.18
		15	8.51	7.17	1.83	9.48	7.22	1.85	9.80	7.84	1.86	10.45	7.87	1.88	10.77	8.50	1.89	11.42	8.47	1.91	11.74	8.45	1.92	12.06	9.02	1.93	12.06	9.02	1.93
		20	8.66	7.24	2.12	9.64	7.28	2.15	9.97	7.91	2.16	10.63	7.94	2.19	10.96	8.58	2.20	11.62	8.54	2.22	11.95	8.53	2.23	12.27	9.10	2.24	12.27	9.10	2.24
		25	9.02	7.39	3.06	10.05	7.44	3.10	10.39	8.09	3.12	11.07	8.12	3.15	11.42	8.76	3.17	12.10	8.73	3.20	12.44	8.72	3.21	12.79	9.30	3.23	12.79	9.30	3.23
		30	8.51	7.17	3.27	9.48	7.22	3.32	9.81	7.84	3.34	10.45	7.87	3.37	10.78	8.50	3.39	11.42	8.47	3.42	11.75	8.45	3.44	12.07	9.02	3.46	12.07	9.02	3.46
		35	7.98	6.94	3.45	8.89	6.98	3.51	9.19	7.59	3.53	9.80	7.62	3.58	10.10	8.22	3.58	10.71	8.19	3.58	11.01	8.18	3.58	11.31	8.73	3.58	11.31	8.73	3.58
		40	6.76	6.17	3.16	7.53	6.21	3.20	7.79	6.75	3.22	8.30	6.78	3.25	8.56	7.32	3.27	9.07	7.29	3.30	9.33	7.28	3.32	9.59	7.76	3.34	9.59	7.76	3.34
		46	4.40	4.40	2.35	4.90	4.61	2.39	5.07	5.01	2.40	5.41	5.03	2.43	5.57	5.43	2.44	5.91	5.41	2.46	6.07	5.40	2.48	6.24	5.76	2.49	6.24	5.76	2.49

● Indoor unit : 9000Btu + 12000Btu + 14000Btu + 14000Btu

		Indoor temperature																											
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB			
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB			
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
9+12+14+14	Outdoor temperature	0	8.74	7.38	2.07	9.74	7.43	2.10	10.07	8.08	2.11	10.74	8.11	2.13	11.07	8.75	2.15	11.73	8.72	2.17	12.06	8.70	2.18	12.40	9.29	2.19	12.40	9.29	2.19
		5	8.74	7.38	2.02	9.73	7.43	2.06	10.07	8.07	2.07	10.73	8.11	2.09	11.06	8.75	2.10	11.73	8.72	2.12	12.06	8.70	2.13	12.39	9.28	2.14	12.39	9.28	2.14
		10	8.57	7.31	2.07	9.55	7.36	2.10	9.87	7.99	2.11	10.52	8.02	2.13	10.85	8.66	2.14	11.50	8.63	2.16	11.82	8.61	2.17	12.15	9.19	2.18	12.15	9.19	2.18
		15	8.45	7.25	1.82	9.41	7.30	1.85	9.73	7.93	1.86	10.37	7.97	1.88	10.69	8.60	1.89	11.33	8.57	1.91	11.65	8.55	1.92	11.97	9.12	1.93	11.97	9.12	1.93
		20	8.67	7.35	2.12	9.66	7.40	2.16	9.99	8.04	2.17	10.65	8.07	2.19	10.97	8.71	2.20	11.63	8.68	2.22	11.96	8.67	2.23	12.29	9.25	2.24	12.29	9.25	2.24
		25	8.97	7.49	3.08	9.99	7.53	3.13	10.34	8.19	3.15	11.02	8.22	3.18	11.36	8.87	3.20	12.04	8.84	3.23	12.38	8.82	3.24	12.72	9.41	3.26	12.72	9.41	3.26
		30	8.50	7.28	3.30	9.46	7.32	3.35	9.79	7.96	3.36	10.43	7.99	3.40	10.75	8.62	3.41	11.40	8.59	3.45	11.72	8.58	3.47	12.04	9.15	3.48	12.04	9.15	3.48
		35	7.98	7.05	3.45	8.89	7.10	3.51	9.19	7.71	3.53	9.80	7.74	3.58	10.10	8.36	3.58	10.71	8.33	3.58	11.01	8.31	3.58	11.31	8.87	3.58	11.31	8.87	3.58
		40	6.84	6.32	3.16	7.62	6.36	3.20	7.88	6.91	3.22	8.40	6.94	3.25	8.66	7.49	3.27	9.17	7.46	3.30	9.43	7.45	3.32	9.69	7.95	3.34	9.69	7.95	3.34
		46	4.44	4.44	2.35	4.95	4.67	2.39	5.12	5.08	2.40	5.46	5.10	2.43	5.62	5.50	2.44	5.96	5.48	2.46	6.13	5.47	2.48	6.30	5.84	2.49	6.30	5.84	2.49

● Indoor unit : 12000Btu + 12000Btu + 12000Btu + 12000Btu

		Indoor temperature																												
		°CDB			18°CDB			21°CDB			23°CDB			25°CDB			27°CDB			29°CDB			30°CDB			32°CDB				
		°CWB			12°CWB			15°CWB			16°CWB			18°CWB			19°CWB			21°CWB			22°CWB			23°CWB				
		(°CDB)	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	
12+12+12+12	Outdoor temperature	0	8.75	7.21	2.04	9.74	7.26	2.07	10.08	7.89	2.08	10.74	7.92	2.10	11.07	8.55	2.11	11.74	8.52	2.13	12.07	8.50	2.14	12.40	9.07	2.15				
		5	8.69	7.19	2.02	9.68	7.24	2.05	10.01	7.86	2.06	10.67	7.90	2.08	11.00	8.52	2.09	11.66	8.49	2.11	11.99	8.48	2.12	12.33	9.04	2.14				
		10	8.56	7.14	2.06	9.54	7.18	2.10	9.86	7.80	2.11	10.52	7.83	2.13	10.84	8.46	2.14	11.49	8.43	2.16	11.82	8.41	2.17	12.14	8.97	2.18				
		15	8.48	7.10	1.83	9.44	7.14	1.85	9.77	7.76	1.86	10.41	7.79	1.88	10.73	8.41	1.89	11.38	8.38	1.91	11.70	8.37	1.92	12.02	8.93	1.93				
		20	8.66	7.18	2.12	9.65	7.22	2.15	9.98	7.85	2.17	10.64	7.88	2.19	10.97	8.51	2.20	11.62	8.48	2.22	11.95	8.46	2.23	12.28	9.03	2.24				
		25	9.00	7.32	3.07	10.02	7.37	3.12	10.36	8.01	3.13	11.05	8.04	3.17	11.39	8.68	3.18	12.07	8.65	3.21	12.41	8.63	3.23	12.75	9.21	3.25				
		30	8.50	7.11	3.28	9.47	7.16	3.33	9.80	7.78	3.35	10.44	7.81	3.39	10.76	8.43	3.40	11.41	8.40	3.44	11.73	8.38	3.45	12.06	8.94	3.47				
		35	7.98	6.88	3.45	8.89	6.93	3.51	9.19	7.53	3.53	9.80	7.56	3.58	10.10	8.16	3.58	10.71	8.13	3.58	11.01	8.11	3.58	11.31	8.66	3.58				
		40	6.80	6.25	3.16	7.57	6.29	3.20	7.83	6.83	3.22	8.35	6.86	3.25	8.61	7.40	3.27	9.12	7.38	3.30	9.38	7.36	3.32	9.64	7.85	3.34				
		46	4.42	4.42	2.35	4.93	4.64	2.39	5.09	5.04	2.40	5.43	5.06	2.43	5.60	5.47	2.44	5.93	5.45	2.46	6.10	5.44	2.48	6.27	5.80	2.49				

TC : Total Capacity (kW)
SHC : Sensible Heat Capacity (kW)
IP : Input Power (kW)

5-3. HEATING CAPACITY

This table is created using the maximum capacity.

Note: 3 or more indoor units should be connected.

■ MODEL : AO*G30L4

● Indoor unit : 7000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	2.46	1.26	2.40	1.29	2.34	1.31	2.28	1.34	2.23	1.37
		-5	-7	2.67	1.24	2.60	1.26	2.54	1.29	2.48	1.31	2.41	1.34
		0	-2	2.74	1.12	2.67	1.14	2.61	1.16	2.54	1.19	2.48	1.21
		5	3	3.19	1.16	3.11	1.19	3.04	1.21	2.96	1.24	2.88	1.26
		7	6	3.47	1.20	3.38	1.23	3.30	1.25	3.22	1.28	3.14	1.30
		10	8	3.62	1.22	3.53	1.25	3.45	1.28	3.36	1.30	3.28	1.33
		15	10	3.64	1.24	3.55	1.26	3.47	1.29	3.38	1.31	3.29	1.34
		20	15	3.60	1.08	3.52	1.10	3.43	1.13	3.35	1.15	3.26	1.17

● Indoor unit : 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	2.76	1.42	2.69	1.45	2.63	1.48	2.56	1.51	2.50	1.54
		-5	-7	2.99	1.39	2.92	1.42	2.85	1.45	2.78	1.48	2.71	1.51
		0	-2	3.07	1.26	3.00	1.29	2.92	1.31	2.85	1.34	2.78	1.36
		5	3	3.57	1.31	3.49	1.34	3.40	1.37	3.32	1.40	3.23	1.42
		7	6	3.89	1.35	3.79	1.38	3.70	1.41	3.61	1.44	3.52	1.47
		10	8	4.06	1.38	3.96	1.41	3.87	1.44	3.77	1.47	3.67	1.50
		15	10	4.08	1.39	3.98	1.42	3.89	1.45	3.79	1.48	3.69	1.51
		20	15	4.04	1.22	3.94	1.24	3.85	1.27	3.75	1.29	3.66	1.32

● Indoor unit : 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	3.35	1.81	3.27	1.85	3.20	1.89	3.12	1.93	3.04	1.97
		-5	-7	3.64	1.78	3.55	1.82	3.47	1.85	3.38	1.89	3.29	1.93
		0	-2	3.73	1.61	3.64	1.64	3.56	1.67	3.47	1.71	3.38	1.74
		5	3	4.35	1.68	4.24	1.71	4.14	1.75	4.04	1.78	3.93	1.82
		7	6	4.73	1.73	4.61	1.76	4.50	1.80	4.39	1.84	4.28	1.87
		10	8	4.94	1.76	4.82	1.80	4.70	1.84	4.58	1.87	4.47	1.91
		15	10	4.96	1.78	4.84	1.82	4.73	1.85	4.61	1.89	4.49	1.93
		20	15	4.91	1.56	4.80	1.59	4.68	1.62	4.56	1.65	4.45	1.68

● Indoor unit : 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	4.32	1.92	4.22	1.96	4.12	2.00	4.02	2.03	3.91	2.07
		-5	-7	4.69	1.88	4.58	1.92	4.47	1.96	4.35	2.00	4.24	2.04
		0	-2	4.81	1.70	4.70	1.73	4.58	1.77	4.47	1.80	4.35	1.84
		5	3	5.60	1.77	5.47	1.81	5.34	1.84	5.20	1.88	5.07	1.92
		7	6	6.09	1.82	5.95	1.86	5.80	1.90	5.66	1.94	5.51	1.98
		10	8	6.36	1.86	6.21	1.90	6.06	1.94	5.91	1.98	5.76	2.02
		15	10	6.39	1.88	6.24	1.92	6.09	1.96	5.94	2.00	5.79	2.04
		20	15	6.33	1.64	6.18	1.68	6.03	1.71	5.88	1.74	5.73	1.78

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

● Indoor unit : 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	5.29	2.48	5.17	2.53	5.04	2.58	4.91	2.63	4.79	2.69
		-5	-7	5.74	2.43	5.60	2.48	5.47	2.53	5.33	2.58	5.19	2.64
		0	-2	5.89	2.20	5.75	2.24	5.61	2.29	5.47	2.33	5.33	2.38
		5	3	6.86	2.29	6.70	2.34	6.53	2.39	6.37	2.43	6.21	2.48
		7	6	7.46	2.36	7.28	2.41	7.10	2.46	6.92	2.51	6.75	2.56
		10	8	7.79	2.41	7.60	2.46	7.42	2.51	7.23	2.56	7.05	2.61
		15	10	7.83	2.43	7.64	2.48	7.46	2.53	7.27	2.58	7.08	2.64
		20	15	7.75	2.13	7.57	2.17	7.38	2.21	7.20	2.30	7.01	2.30

● Indoor unit : 24000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	6.80	3.36	6.64	3.43	6.48	3.50	6.32	3.57	6.16	3.58
		-5	-7	7.37	3.29	7.20	3.36	7.02	3.43	6.84	3.50	6.67	3.57
		0	-2	7.56	2.97	7.38	3.03	7.20	3.10	7.02	3.16	6.84	3.22
		5	3	8.79	3.10	8.58	3.17	8.37	3.23	8.16	3.29	7.95	3.36
		7	6	9.45	3.20	9.23	3.26	9.00	3.33	8.78	3.40	8.55	3.46
		10	8	9.83	3.26	9.59	3.33	9.36	3.40	9.13	3.46	8.89	3.53
		15	10	9.83	3.20	9.59	3.26	9.36	3.33	9.13	3.34	8.89	3.34
		20	15	8.51	2.21	8.30	2.30	8.10	2.30	7.90	2.30	7.70	2.30

● Indoor unit : 7000Btu + 7000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	4.40	1.81	4.29	1.85	4.19	1.89	4.08	1.93	3.98	1.97
		-5	-7	4.77	1.78	4.66	1.82	4.54	1.85	4.43	1.89	4.32	1.93
		0	-2	4.89	1.61	4.78	1.64	4.66	1.67	4.54	1.71	4.43	1.74
		5	3	5.70	1.68	5.56	1.71	5.43	1.75	5.29	1.78	5.16	1.82
		7	6	6.20	1.73	6.05	1.76	5.90	1.80	5.75	1.84	5.61	1.87
		10	8	6.47	1.76	6.32	1.80	6.17	1.84	6.01	1.87	5.86	1.91
		15	10	6.50	1.78	6.35	1.82	6.20	1.85	6.04	1.89	5.89	1.93
		20	15	6.44	1.56	6.29	1.59	6.14	1.62	5.98	1.65	5.83	1.68

● Indoor unit : 7000Btu + 9000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	5.37	2.52	5.24	2.57	5.11	2.63	4.98	2.68	4.86	2.73
		-5	-7	5.82	2.47	5.68	2.52	5.54	2.58	5.41	2.63	5.27	2.68
		0	-2	5.97	2.23	5.83	2.28	5.69	2.33	5.55	2.37	5.40	2.42
		5	3	6.96	2.33	6.79	2.38	6.62	2.43	6.46	2.47	6.29	2.52
		7	6	7.56	2.40	7.38	2.45	7.20	2.50	7.02	2.55	6.84	2.60
		10	8	7.90	2.45	7.71	2.50	7.52	2.55	7.34	2.60	7.15	2.65
		15	10	7.94	2.47	7.75	2.52	7.56	2.58	7.37	2.63	7.18	2.68
		20	15	7.86	2.21	7.68	2.30	7.49	2.30	7.30	2.30	7.11	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

● Indoor unit : 7000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	5.44	2.47	5.31	2.52	5.18	2.57	5.05	2.62	4.92	2.68
		-5	-7	5.90	2.42	5.76	2.47	5.62	2.52	5.48	2.57	5.34	2.62
		0	-2	6.05	2.19	5.90	2.23	5.76	2.28	5.62	2.32	5.47	2.37
		5	3	7.03	2.28	6.86	2.33	6.70	2.38	6.53	2.42	6.36	2.47
		7	6	7.56	2.35	7.38	2.40	7.20	2.45	7.02	2.50	6.84	2.55
		10	8	7.86	2.40	7.68	2.45	7.49	2.50	7.30	2.55	7.11	2.60
		15	10	7.86	2.35	7.68	2.40	7.49	2.45	7.30	2.50	7.11	2.55
		20	15	6.80	1.88	6.64	1.92	6.48	1.96	6.32	2.00	6.16	2.04

● Indoor unit : 7000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	6.58	2.90	6.42	2.96	6.26	3.02	6.11	3.08	5.95	3.14
		-5	-7	7.13	2.85	6.96	2.91	6.79	2.97	6.62	3.03	6.45	3.09
		0	-2	7.31	2.57	7.13	2.62	6.96	2.68	6.79	2.73	6.61	2.79
		5	3	8.50	2.68	8.29	2.74	8.09	2.79	7.89	2.85	7.69	2.91
		7	6	9.14	2.76	8.92	2.82	8.70	2.88	8.48	2.94	8.27	3.00
		10	8	9.50	2.82	9.27	2.88	9.05	2.94	8.82	3.00	8.60	3.06
		15	10	9.50	2.76	9.27	2.82	9.05	2.88	8.82	2.94	8.60	3.00
		20	15	8.22	2.21	8.03	2.30	7.83	2.30	7.63	2.30	7.44	2.30

● Indoor unit : 7000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	6.71	2.76	6.55	2.82	6.39	2.88	6.23	2.94	6.07	3.00
		-5	-7	7.40	2.85	7.23	2.91	7.05	2.97	6.87	3.03	6.70	3.09
		0	-2	8.29	2.79	8.09	2.85	7.90	2.91	7.70	2.97	7.50	3.03
		5	3	9.18	2.88	8.96	2.94	8.74	3.00	8.52	3.06	8.30	3.12
		7	6	9.87	2.88	9.64	2.94	9.40	3.00	9.17	3.06	8.93	3.12
		10	8	10.26	2.88	10.02	2.94	9.78	3.00	9.53	3.06	9.29	3.12
		15	10	10.26	2.68	10.02	2.73	9.78	2.79	9.53	2.85	9.29	2.90
		20	15	8.88	1.87	8.67	1.91	8.46	1.95	8.25	1.99	8.04	2.03

● Indoor unit : 7000Btu + 24000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.53	3.19	7.35	3.26	7.17	3.33	6.99	3.39	6.81	3.46
		-5	-7	8.31	3.29	8.12	3.36	7.92	3.43	7.72	3.50	7.52	3.57
		0	-2	9.44	3.36	9.21	3.43	8.99	3.50	8.76	3.57	8.54	3.58
		5	3	10.45	3.36	10.20	3.43	9.95	3.50	9.70	3.58	9.45	3.58
		7	6	11.24	3.36	10.97	3.43	10.70	3.50	10.43	3.58	10.17	3.58
		10	8	11.68	3.36	11.41	3.43	11.13	3.50	10.85	3.58	10.57	3.58
		15	10	11.63	3.12	11.35	3.19	11.07	3.26	10.80	3.32	10.52	3.34
		20	15	9.89	2.21	9.65	2.30	9.42	2.30	9.18	2.30	8.95	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

● Indoor unit : 9000Btu + 9000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	5.52	2.52	5.39	2.57	5.25	2.63	5.12	2.68	4.99	2.73
		-5	-7	5.98	2.47	5.84	2.52	5.70	2.58	5.56	2.63	5.41	2.68
		0	-2	6.14	2.23	5.99	2.28	5.85	2.33	5.70	2.37	5.55	2.42
		5	3	7.15	2.33	6.98	2.38	6.81	2.43	6.64	2.47	6.47	2.52
		7	6	7.77	2.40	7.59	2.45	7.40	2.50	7.22	2.55	7.03	2.60
		10	8	8.12	2.45	7.93	2.50	7.73	2.55	7.54	2.60	7.35	2.65
		15	10	8.16	2.47	7.96	2.52	7.77	2.58	7.58	2.63	7.38	2.68
		20	15	8.08	2.21	7.89	2.30	7.70	2.30	7.50	2.30	7.31	2.30

● Indoor unit : 9000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	6.27	3.10	6.13	3.17	5.98	3.23	5.83	3.30	5.68	3.36
		-5	-7	6.80	3.05	6.64	3.11	6.47	3.17	6.31	3.24	6.15	3.30
		0	-2	6.97	2.75	6.81	2.81	6.64	2.86	6.47	2.92	6.31	2.98
		5	3	8.10	2.87	7.91	2.93	7.72	2.99	7.53	3.05	7.33	3.11
		7	6	8.72	2.96	8.51	3.02	8.30	3.08	8.09	3.14	7.89	3.20
		10	8	9.06	3.02	8.85	3.08	8.63	3.14	8.42	3.20	8.20	3.27
		15	10	9.06	2.96	8.85	3.02	8.63	3.08	8.42	3.14	8.20	3.20
		20	15	7.84	2.21	7.66	2.30	7.47	2.30	7.28	2.30	7.10	2.30

● Indoor unit : 9000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.03	3.33	6.86	3.40	6.70	3.47	6.53	3.53	6.36	3.58
		-5	-7	7.62	3.26	7.44	3.33	7.25	3.40	7.07	3.47	6.89	3.53
		0	-2	7.81	2.95	7.63	3.01	7.44	3.07	7.25	3.13	7.07	3.19
		5	3	9.08	3.07	8.87	3.14	8.65	3.20	8.43	3.27	8.22	3.33
		7	6	9.77	3.17	9.53	3.23	9.30	3.30	9.07	3.37	8.84	3.43
		10	8	10.16	3.23	9.91	3.30	9.67	3.37	9.43	3.43	9.19	3.50
		15	10	10.16	3.17	9.91	3.23	9.67	3.30	9.43	3.34	9.19	3.34
		20	15	8.79	2.21	8.58	2.30	8.37	2.30	8.16	2.30	7.95	2.30

● Indoor unit : 9000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.21	3.13	7.04	3.20	6.87	3.26	6.70	3.33	6.52	3.39
		-5	-7	7.95	3.23	7.76	3.30	7.58	3.37	7.39	3.43	7.20	3.50
		0	-2	8.91	3.17	8.70	3.23	8.48	3.30	8.27	3.36	8.06	3.43
		5	3	9.86	3.26	9.63	3.33	9.39	3.40	9.16	3.47	8.92	3.54
		7	6	10.61	3.26	10.35	3.33	10.10	3.40	9.85	3.47	9.60	3.54
		10	8	11.03	3.26	10.77	3.33	10.50	3.40	10.24	3.47	9.98	3.54
		15	10	11.03	3.04	10.77	3.10	10.50	3.16	10.24	3.23	9.98	3.29
		20	15	9.54	2.12	9.32	2.17	9.09	2.21	8.86	2.30	8.64	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

● Indoor unit : 9000Btu + 24000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.74	3.19	7.55	3.26	7.37	3.33	7.19	3.39	7.00	3.46
		-5	-7	8.55	3.29	8.34	3.36	8.14	3.43	7.94	3.50	7.73	3.57
		0	-2	9.70	3.36	9.47	3.43	9.24	3.50	9.01	3.57	8.78	3.58
		5	3	10.74	3.36	10.49	3.43	10.23	3.50	9.97	3.58	9.72	3.58
		7	6	11.55	3.36	11.28	3.43	11.00	3.50	10.73	3.58	10.45	3.58
		10	8	12.01	3.36	11.73	3.43	11.44	3.50	11.15	3.58	10.87	3.58
		15	10	11.95	3.12	11.67	3.19	11.39	3.26	11.10	3.32	10.82	3.34
		20	15	10.16	2.21	9.92	2.30	9.68	2.30	9.44	2.30	9.20	2.30

● Indoor unit : 12000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	6.65	3.33	6.49	3.40	6.34	3.47	6.18	3.53	6.02	3.58
		-5	-7	7.21	3.26	7.04	3.33	6.86	3.40	6.69	3.47	6.52	3.53
		0	-2	7.39	2.95	7.22	3.01	7.04	3.07	6.86	3.13	6.69	3.19
		5	3	8.59	3.07	8.39	3.14	8.18	3.20	7.98	3.27	7.77	3.33
		7	6	9.24	3.17	9.02	3.23	8.80	3.30	8.58	3.37	8.36	3.43
		10	8	9.61	3.23	9.38	3.30	9.15	3.37	8.92	3.43	8.69	3.50
		15	10	9.61	3.17	9.38	3.23	9.15	3.30	8.92	3.34	8.69	3.34
		20	15	8.32	2.21	8.12	2.30	7.92	2.30	7.72	2.30	7.52	2.30

● Indoor unit : 12000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.00	3.23	6.83	3.29	6.66	3.36	6.50	3.43	6.33	3.49
		-5	-7	7.72	3.33	7.53	3.40	7.35	3.47	7.17	3.53	6.98	3.58
		0	-2	8.64	3.26	8.44	3.33	8.23	3.40	8.03	3.46	7.82	3.53
		5	3	9.57	3.36	9.34	3.43	9.11	3.50	8.89	3.58	8.66	3.58
		7	6	10.29	3.36	10.05	3.43	9.80	3.50	9.56	3.58	9.31	3.58
		10	8	10.70	3.36	10.45	3.43	10.19	3.50	9.94	3.58	9.68	3.58
		15	10	10.70	3.12	10.45	3.19	10.19	3.26	9.94	3.32	9.68	3.34
		20	15	9.26	2.21	9.04	2.30	8.82	2.30	8.60	2.30	8.38	2.30

● Indoor unit : 12000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
12+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.35	3.23	7.18	3.29	7.00	3.36	6.83	3.43	6.65	3.49
		-5	-7	8.11	3.33	7.92	3.40	7.73	3.47	7.53	3.53	7.34	3.58
		0	-2	9.08	3.26	8.87	3.33	8.65	3.40	8.44	3.46	8.22	3.53
		5	3	10.06	3.36	9.82	3.43	9.58	3.50	9.34	3.58	9.10	3.58
		7	6	10.82	3.36	10.56	3.43	10.30	3.50	10.04	3.58	9.79	3.58
		10	8	11.25	3.36	10.98	3.43	10.71	3.50	10.44	3.58	10.18	3.58
		15	10	11.25	3.12	10.98	3.19	10.71	3.26	10.44	3.32	10.18	3.34
		20	15	9.73	2.21	9.50	2.30	9.27	2.30	9.04	2.30	8.81	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

● Indoor unit : 12000Btu + 24000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
12+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.74	3.19	7.55	3.26	7.37	3.33	7.19	3.39	7.00	3.46
		-5	-7	8.55	3.29	8.34	3.36	8.14	3.43	7.94	3.50	7.73	3.57
		0	-2	9.70	3.36	9.47	3.43	9.24	3.50	9.01	3.57	8.78	3.58
		5	3	10.74	3.36	10.49	3.43	10.23	3.50	9.97	3.58	9.72	3.58
		7	6	11.55	3.36	11.28	3.43	11.00	3.50	10.73	3.58	10.45	3.58
		10	8	12.01	3.36	11.73	3.43	11.44	3.50	11.15	3.58	10.87	3.58
		15	10	11.95	3.12	11.67	3.19	11.39	3.26	11.10	3.32	10.82	3.34
		20	15	10.16	2.21	9.92	2.30	9.68	2.30	9.44	2.30	9.20	2.30

● Indoor unit : 14000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
14+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.35	3.23	7.18	3.29	7.00	3.36	6.83	3.43	6.65	3.49
		-5	-7	8.11	3.33	7.92	3.40	7.73	3.47	7.53	3.53	7.34	3.58
		0	-2	9.08	3.26	8.87	3.33	8.65	3.40	8.44	3.46	8.22	3.53
		5	3	10.06	3.36	9.82	3.43	9.58	3.50	9.34	3.58	9.10	3.58
		7	6	10.82	3.36	10.56	3.43	10.30	3.50	10.04	3.58	9.79	3.58
		10	8	11.25	3.36	10.98	3.43	10.71	3.50	10.44	3.58	10.18	3.58
		15	10	11.25	3.12	10.98	3.19	10.71	3.26	10.44	3.32	10.18	3.34
		20	15	9.73	2.21	9.50	2.30	9.27	2.30	9.04	2.30	8.81	2.30

● Indoor unit : 14000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
14+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.81	3.19	7.62	3.26	7.44	3.33	7.25	3.39	7.07	3.46
		-5	-7	8.62	3.29	8.42	3.36	8.21	3.43	8.01	3.50	7.80	3.57
		0	-2	9.79	3.36	9.56	3.43	9.32	3.50	9.09	3.57	8.86	3.58
		5	3	10.84	3.36	10.58	3.43	10.32	3.50	10.06	3.58	9.81	3.58
		7	6	11.66	3.36	11.38	3.43	11.10	3.50	10.82	3.58	10.55	3.58
		10	8	12.12	3.36	11.83	3.43	11.54	3.50	11.26	3.58	10.97	3.58
		15	10	12.06	3.12	11.78	3.19	11.49	3.26	11.20	3.32	10.91	3.34
		20	15	10.26	2.21	10.01	2.30	9.77	2.30	9.52	2.30	9.28	2.30

● Indoor unit : 14000Btu + 24000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
14+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.73	3.06	7.54	3.12	7.36	3.19	7.18	3.25	6.99	3.31
		-5	-7	8.69	3.19	8.49	3.26	8.28	3.33	8.07	3.39	7.87	3.46
		0	-2	10.02	3.36	9.78	3.43	9.55	3.50	9.31	3.57	9.07	3.58
		5	3	11.29	3.36	11.02	3.43	10.75	3.50	10.48	3.58	10.21	3.58
		7	6	12.08	3.36	11.79	3.43	11.50	3.50	11.21	3.58	10.93	3.58
		10	8	12.56	3.36	12.26	3.43	11.96	3.50	11.66	3.58	11.36	3.58
		15	10	12.50	3.12	12.20	3.19	11.90	3.26	11.60	3.32	11.31	3.34
		20	15	10.63	2.21	10.37	2.30	10.12	2.30	9.87	2.30	9.61	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: 3 or more indoor units should be connected.

● Indoor unit : 18000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
18+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.09	3.19	7.90	3.26	7.71	3.33	7.51	3.39	7.32	3.46
		-5	-7	8.94	3.29	8.72	3.36	8.51	3.43	8.30	3.50	8.08	3.57
		0	-2	10.14	3.36	9.90	3.43	9.66	3.50	9.42	3.57	9.18	3.58
		5	3	11.23	3.36	10.96	3.43	10.70	3.50	10.43	3.58	10.16	3.58
		7	6	12.08	3.36	11.79	3.43	11.50	3.50	11.21	3.58	10.93	3.58
		10	8	12.56	3.36	12.26	3.43	11.96	3.50	11.66	3.58	11.36	3.58
		15	10	12.50	3.12	12.20	3.19	11.90	3.26	11.60	3.32	11.31	3.34
		20	15	10.63	2.21	10.37	2.30	10.12	2.30	9.87	2.30	9.61	2.30

● Indoor unit : 18000Btu + 24000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
18+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.80	3.06	7.61	3.12	7.42	3.19	7.24	3.25	7.05	3.31
		-5	-7	8.77	3.19	8.56	3.26	8.35	3.33	8.14	3.39	7.93	3.46
		0	-2	10.11	3.36	9.87	3.43	9.63	3.50	9.39	3.57	9.15	3.58
		5	3	11.39	3.36	11.12	3.43	10.85	3.50	10.57	3.58	10.30	3.58
		7	6	12.18	3.36	11.89	3.43	11.60	3.50	11.31	3.58	11.02	3.58
		10	8	12.67	3.36	12.37	3.43	12.06	3.50	11.76	3.58	11.46	3.58
		15	10	12.61	3.12	12.31	3.19	12.01	3.26	11.71	3.32	11.41	3.34
		20	15	10.72	2.21	10.46	2.30	10.21	2.30	9.95	2.30	9.70	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: The total capacity of connected a indoor unit is up to 49000Btu from 27000Btu.

● Indoor unit : 7000Btu + 7000Btu + 7000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	6.65	2.67	6.49	2.73	6.34	2.78	6.18	2.84	6.02	2.89
		-5	-7	7.21	2.62	7.04	2.67	6.86	2.73	6.69	2.78	6.52	2.84
		0	-2	7.39	2.37	7.22	2.42	7.04	2.46	6.86	2.51	6.69	2.56
		5	3	8.59	2.47	8.39	2.52	8.18	2.57	7.98	2.62	7.77	2.67
		7	6	9.24	2.54	9.02	2.60	8.80	2.65	8.58	2.70	8.36	2.76
		10	8	9.61	2.59	9.38	2.65	9.15	2.70	8.92	2.76	8.69	2.81
		15	10	9.61	2.54	9.38	2.60	9.15	2.65	8.92	2.70	8.69	2.76
		20	15	8.32	2.04	8.12	2.08	7.92	2.12	7.72	2.16	7.52	2.20

● Indoor unit : 7000Btu + 7000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.03	2.87	6.86	2.93	6.70	2.99	6.53	3.05	6.36	3.11
		-5	-7	7.62	2.82	7.44	2.88	7.25	2.94	7.07	2.99	6.89	3.05
		0	-2	7.81	2.54	7.63	2.60	7.44	2.65	7.25	2.70	7.07	2.76
		5	3	9.08	2.65	8.87	2.71	8.65	2.76	8.43	2.82	8.22	2.88
		7	6	9.77	2.74	9.53	2.79	9.30	2.85	9.07	2.91	8.84	2.96
		10	8	10.16	2.79	9.91	2.85	9.67	2.91	9.43	2.97	9.19	3.02
		15	10	10.16	2.74	9.91	2.79	9.67	2.85	9.43	2.91	9.19	2.96
		20	15	8.79	2.21	8.58	2.30	8.37	2.30	8.16	2.30	7.95	2.30

● Indoor unit : 7000Btu + 7000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	6.93	2.86	6.76	2.92	6.60	2.98	6.43	3.04	6.27	3.10
		-5	-7	7.64	2.95	7.46	3.01	7.28	3.07	7.09	3.13	6.91	3.19
		0	-2	8.56	2.89	8.35	2.95	8.15	3.01	7.94	3.07	7.74	3.13
		5	3	9.47	2.98	9.25	3.04	9.02	3.10	8.80	3.16	8.57	3.22
		7	6	10.19	2.98	9.94	3.04	9.70	3.10	9.46	3.16	9.22	3.22
		10	8	10.59	2.98	10.34	3.04	10.09	3.10	9.84	3.16	9.58	3.22
		15	10	10.59	2.77	10.34	2.83	10.09	2.88	9.84	2.94	9.58	3.00
		20	15	9.17	1.93	8.95	1.97	8.73	2.02	8.51	2.06	8.29	2.10

● Indoor unit : 7000Btu + 7000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.21	3.25	7.04	3.32	6.87	3.39	6.70	3.46	6.52	3.52
		-5	-7	7.95	3.35	7.76	3.42	7.58	3.49	7.39	3.56	7.20	3.58
		0	-2	8.91	3.29	8.70	3.36	8.48	3.42	8.27	3.49	8.06	3.56
		5	3	9.86	3.39	9.63	3.46	9.39	3.53	9.16	3.58	8.92	3.58
		7	6	10.61	3.39	10.35	3.46	10.10	3.53	9.85	3.58	9.60	3.58
		10	8	11.03	3.39	10.77	3.46	10.50	3.53	10.24	3.58	9.98	3.58
		15	10	11.03	3.15	10.77	3.22	10.50	3.28	10.24	3.34	9.98	3.34
		20	15	9.54	2.21	9.32	2.30	9.09	2.30	8.86	2.30	8.64	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

Note: The total capacity of connected a indoor unit is up to 49000Btu from 27000Btu.

● Indoor unit : 7000Btu + 7000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.88	3.21	7.69	3.28	7.50	3.34	7.32	3.41	7.13	3.48
		-5	-7	8.70	3.31	8.50	3.38	8.29	3.45	8.08	3.52	7.87	3.58
		0	-2	9.88	3.38	9.64	3.45	9.41	3.52	9.17	3.58	8.94	3.58
		5	3	10.94	3.38	10.68	3.45	10.42	3.52	10.16	3.58	9.90	3.58
		7	6	11.76	3.38	11.48	3.45	11.20	3.52	10.92	3.58	10.64	3.58
		10	8	12.23	3.38	11.94	3.45	11.65	3.52	11.36	3.58	11.07	3.58
		15	10	12.17	3.14	11.88	3.21	11.59	3.27	11.30	3.34	11.01	3.34
		20	15	10.35	2.21	10.10	2.30	9.86	2.30	9.61	2.30	9.36	2.30

● Indoor unit : 7000Btu + 7000Btu + 24000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+7+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.73	3.08	7.54	3.14	7.36	3.20	7.18	3.27	6.99	3.33
		-5	-7	8.69	3.21	8.49	3.28	8.28	3.34	8.07	3.41	7.87	3.48
		0	-2	10.02	3.38	9.78	3.45	9.55	3.52	9.31	3.58	9.07	3.58
		5	3	11.29	3.38	11.02	3.45	10.75	3.52	10.48	3.58	10.21	3.58
		7	6	12.08	3.38	11.79	3.45	11.50	3.52	11.21	3.58	10.93	3.58
		10	8	12.56	3.38	12.26	3.45	11.96	3.52	11.66	3.58	11.36	3.58
		15	10	12.50	3.14	12.20	3.21	11.90	3.27	11.60	3.34	11.31	3.34
		20	15	10.63	2.21	10.37	2.30	10.12	2.30	9.87	2.30	9.61	2.30

● Indoor unit : 7000Btu + 9000Btu + 9000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	6.93	2.86	6.76	2.92	6.60	2.98	6.43	3.04	6.27	3.10
		-5	-7	7.64	2.95	7.46	3.01	7.28	3.07	7.09	3.13	6.91	3.19
		0	-2	8.56	2.89	8.35	2.95	8.15	3.01	7.94	3.07	7.74	3.13
		5	3	9.47	2.98	9.25	3.04	9.02	3.10	8.80	3.16	8.57	3.22
		7	6	10.19	2.98	9.94	3.04	9.70	3.10	9.46	3.16	9.22	3.22
		10	8	10.59	2.98	10.34	3.04	10.09	3.10	9.84	3.16	9.58	3.22
		15	10	10.59	2.77	10.34	2.83	10.09	2.88	9.84	2.94	9.58	3.00
20	15	9.17	1.93	8.95	1.97	8.73	2.02	8.51	2.06	8.29	2.10		

● Indoor unit : 7000Btu + 9000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.14	3.23	6.97	3.30	6.80	3.37	6.63	3.44	6.46	3.50
		-5	-7	7.88	3.34	7.69	3.41	7.50	3.47	7.31	3.54	7.13	3.58
		0	-2	8.82	3.27	8.61	3.34	8.40	3.40	8.19	3.47	7.98	3.54
		5	3	9.77	3.37	9.53	3.44	9.30	3.51	9.07	3.58	8.84	3.58
		7	6	10.50	3.37	10.25	3.44	10.00	3.51	9.75	3.58	9.50	3.58
		10	8	10.92	3.37	10.66	3.44	10.40	3.51	10.14	3.58	9.88	3.58
		15	10	10.92	3.13	10.66	3.20	10.40	3.26	10.14	3.33	9.88	3.34
		20	15	9.45	2.21	9.23	2.30	9.00	2.30	8.78	2.30	8.55	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 9000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.14	3.23	6.97	3.30	6.80	3.37	6.63	3.44	6.46	3.50
		-5	-7	7.88	3.34	7.69	3.41	7.50	3.47	7.31	3.54	7.13	3.58
		0	-2	8.82	3.27	8.61	3.34	8.40	3.40	8.19	3.47	7.98	3.54
		5	3	9.77	3.37	9.53	3.44	9.30	3.51	9.07	3.58	8.84	3.58
		7	6	10.50	3.37	10.25	3.44	10.00	3.51	9.75	3.58	9.50	3.58
		10	8	10.92	3.37	10.66	3.44	10.40	3.51	10.14	3.58	9.88	3.58
		15	10	10.92	3.13	10.66	3.20	10.40	3.26	10.14	3.33	9.88	3.34
		20	15	9.45	2.21	9.23	2.30	9.00	2.30	8.78	2.30	8.55	2.30

● Indoor unit : 7000Btu + 9000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.18	3.19	7.00	3.26	6.83	3.33	6.66	3.39	6.49	3.46
		-5	-7	7.93	3.29	7.74	3.36	7.55	3.43	7.36	3.50	7.17	3.57
		0	-2	9.00	3.36	8.78	3.43	8.57	3.50	8.35	3.57	8.14	3.58
		5	3	9.96	3.36	9.72	3.43	9.49	3.50	9.25	3.58	9.01	3.58
		7	6	10.71	3.36	10.46	3.43	10.20	3.50	9.95	3.58	9.69	3.58
		10	8	11.14	3.36	10.87	3.43	10.61	3.50	10.34	3.58	10.08	3.58
		15	10	11.08	3.12	10.82	3.19	10.56	3.26	10.29	3.32	10.03	3.34
		20	15	9.42	2.21	9.20	2.30	8.98	2.30	8.75	2.30	8.53	2.30

● Indoor unit : 7000Btu + 9000Btu + 24000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.73	3.07	7.54	3.13	7.36	3.19	7.18	3.26	6.99	3.32
		-5	-7	8.69	3.20	8.49	3.27	8.28	3.33	8.07	3.40	7.87	3.47
		0	-2	10.02	3.37	9.78	3.44	9.55	3.51	9.31	3.58	9.07	3.58
		5	3	11.29	3.37	11.02	3.44	10.75	3.51	10.48	3.58	10.21	3.58
		7	6	12.08	3.37	11.79	3.44	11.50	3.51	11.21	3.58	10.93	3.58
		10	8	12.56	3.37	12.26	3.44	11.96	3.51	11.66	3.58	11.36	3.58
		15	10	12.50	3.13	12.20	3.20	11.90	3.26	11.60	3.33	11.31	3.34
		20	15	10.63	2.21	10.37	2.30	10.12	2.30	9.87	2.30	9.61	2.30

● Indoor unit : 7000Btu + 12000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.11	3.17	6.94	3.24	6.77	3.31	6.60	3.37	6.43	3.44
		-5	-7	7.85	3.27	7.66	3.34	7.47	3.41	7.29	3.48	7.10	3.55
		0	-2	8.91	3.34	8.70	3.41	8.48	3.48	8.27	3.55	8.06	3.58
		5	3	9.86	3.34	9.63	3.41	9.39	3.48	9.16	3.58	8.92	3.58
		7	6	10.61	3.34	10.35	3.41	10.10	3.48	9.85	3.58	9.60	3.58
		10	8	11.03	3.34	10.77	3.41	10.50	3.48	10.24	3.58	9.98	3.58
		15	10	10.98	3.11	10.71	3.17	10.45	3.24	10.19	3.30	9.93	3.34
		20	15	9.33	2.21	9.11	2.30	8.89	2.30	8.67	2.30	8.44	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 12000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.25	3.17	7.07	3.24	6.90	3.31	6.73	3.37	6.56	3.44
		-5	-7	8.00	3.27	7.81	3.34	7.62	3.41	7.43	3.48	7.24	3.55
		0	-2	9.08	3.34	8.87	3.41	8.65	3.48	8.44	3.55	8.22	3.58
		5	3	10.06	3.34	9.82	3.41	9.58	3.48	9.34	3.58	9.10	3.58
		7	6	10.82	3.34	10.56	3.41	10.30	3.48	10.04	3.58	9.79	3.58
		10	8	11.25	3.34	10.98	3.41	10.71	3.48	10.44	3.58	10.18	3.58
		15	10	11.19	3.11	10.93	3.17	10.66	3.24	10.39	3.30	10.13	3.34
		20	15	9.52	2.21	9.29	2.30	9.06	2.30	8.84	2.30	8.61	2.30

● Indoor unit : 7000Btu + 12000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+12+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.66	3.03	7.48	3.09	7.30	3.16	7.11	3.22	6.93	3.28
		-5	-7	8.62	3.16	8.41	3.23	8.21	3.30	8.00	3.36	7.80	3.43
		0	-2	9.94	3.33	9.70	3.40	9.46	3.47	9.23	3.54	8.99	3.58
		5	3	11.19	3.33	10.93	3.40	10.66	3.47	10.39	3.54	10.13	3.58
		7	6	11.97	3.33	11.69	3.40	11.40	3.47	11.12	3.54	10.83	3.58
		10	8	12.45	3.33	12.15	3.40	11.86	3.47	11.56	3.54	11.26	3.58
		15	10	12.39	3.10	12.09	3.16	11.80	3.23	11.50	3.29	11.21	3.34
		20	15	10.53	2.21	10.28	2.30	10.03	2.30	9.78	2.30	9.53	2.30

● Indoor unit : 7000Btu + 12000Btu + 24000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+12+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.86	3.11	7.68	3.17	7.49	3.24	7.30	3.30	7.11	3.37
		-5	-7	8.85	3.25	8.63	3.31	8.42	3.38	8.21	3.45	8.00	3.52
		0	-2	10.20	3.42	9.95	3.49	9.71	3.56	9.47	3.58	9.23	3.58
		5	3	11.49	3.44	11.21	3.51	10.94	3.58	10.67	3.58	10.39	3.58
		7	6	12.29	3.44	11.99	3.51	11.70	3.58	11.41	3.58	11.12	3.58
		10	8	12.78	3.44	12.47	3.51	12.17	3.58	11.86	3.58	11.56	3.58
		15	10	12.71	3.18	12.41	3.24	12.11	3.31	11.81	3.34	11.50	3.34
		20	15	10.81	2.21	10.55	2.30	10.30	2.30	10.04	2.30	9.78	2.30

● Indoor unit : 7000Btu + 14000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+14+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.46	3.17	7.28	3.24	7.10	3.31	6.92	3.37	6.75	3.44
		-5	-7	8.24	3.27	8.04	3.34	7.84	3.41	7.65	3.48	7.45	3.55
		0	-2	9.35	3.34	9.13	3.41	8.90	3.48	8.68	3.55	8.46	3.58
		5	3	10.35	3.34	10.10	3.41	9.86	3.48	9.61	3.58	9.37	3.58
		7	6	11.13	3.34	10.87	3.41	10.60	3.48	10.34	3.58	10.07	3.58
		10	8	11.58	3.34	11.30	3.41	11.02	3.48	10.75	3.58	10.47	3.58
		15	10	11.52	3.11	11.25	3.17	10.97	3.24	10.70	3.30	10.42	3.34
		20	15	9.79	2.21	9.56	2.30	9.33	2.30	9.09	2.30	8.86	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 14000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+14+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.73	3.08	7.54	3.14	7.36	3.20	7.18	3.27	6.99	3.33
		-5	-7	8.69	3.21	8.49	3.28	8.28	3.34	8.07	3.41	7.87	3.48
		0	-2	10.02	3.38	9.78	3.45	9.55	3.52	9.31	3.58	9.07	3.58
		5	3	11.29	3.38	11.02	3.45	10.75	3.52	10.48	3.58	10.21	3.58
		7	6	12.08	3.38	11.79	3.45	11.50	3.52	11.21	3.58	10.93	3.58
		10	8	12.56	3.38	12.26	3.45	11.96	3.52	11.66	3.58	11.36	3.58
		15	10	12.50	3.14	12.20	3.21	11.90	3.27	11.60	3.34	11.31	3.34
		20	15	10.63	2.21	10.37	2.30	10.12	2.30	9.87	2.30	9.61	2.30

● Indoor unit : 7000Btu + 14000Btu + 24000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+14+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.86	3.11	7.68	3.17	7.49	3.24	7.30	3.30	7.11	3.37
		-5	-7	8.85	3.25	8.63	3.31	8.42	3.38	8.21	3.45	8.00	3.52
		0	-2	10.20	3.42	9.95	3.49	9.71	3.56	9.47	3.58	9.23	3.58
		5	3	11.49	3.44	11.21	3.51	10.94	3.58	10.67	3.58	10.39	3.58
		7	6	12.29	3.44	11.99	3.51	11.70	3.58	11.41	3.58	11.12	3.58
		10	8	12.78	3.44	12.47	3.51	12.17	3.58	11.86	3.58	11.56	3.58
		15	10	12.71	3.18	12.41	3.24	12.11	3.31	11.81	3.34	11.50	3.34
		20	15	10.81	2.21	10.55	2.30	10.30	2.30	10.04	2.30	9.78	2.30

● Indoor unit : 7000Btu + 18000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+18+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.08	7.87	3.14	7.68	3.20	7.49	3.27	7.30	3.33
		-5	-7	9.07	3.21	8.86	3.28	8.64	3.34	8.42	3.41	8.21	3.48
		0	-2	10.46	3.38	10.21	3.45	9.96	3.52	9.71	3.58	9.46	3.58
		5	3	11.78	3.38	11.50	3.45	11.22	3.52	10.94	3.58	10.66	3.58
		7	6	12.60	3.38	12.30	3.45	12.00	3.52	11.70	3.58	11.40	3.58
		10	8	13.10	3.38	12.79	3.45	12.48	3.52	12.17	3.58	11.86	3.58
		15	10	13.04	3.14	12.73	3.21	12.42	3.27	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

● Indoor unit : 7000Btu + 18000Btu + 24000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+18+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.08	7.87	3.14	7.68	3.20	7.49	3.27	7.30	3.33
		-5	-7	9.07	3.21	8.86	3.28	8.64	3.34	8.42	3.41	8.21	3.48
		0	-2	10.46	3.38	10.21	3.45	9.96	3.52	9.71	3.58	9.46	3.58
		5	3	11.78	3.38	11.50	3.45	11.22	3.52	10.94	3.58	10.66	3.58
		7	6	12.60	3.38	12.30	3.45	12.00	3.52	11.70	3.58	11.40	3.58
		10	8	13.10	3.38	12.79	3.45	12.48	3.52	12.17	3.58	11.86	3.58
		15	10	13.04	3.14	12.73	3.21	12.42	3.27	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.14	3.23	6.97	3.30	6.80	3.37	6.63	3.44	6.46	3.50
		-5	-7	7.88	3.34	7.69	3.41	7.50	3.47	7.31	3.54	7.13	3.58
		0	-2	8.82	3.27	8.61	3.34	8.40	3.40	8.19	3.47	7.98	3.54
		5	3	9.77	3.37	9.53	3.44	9.30	3.51	9.07	3.58	8.84	3.58
		7	6	10.50	3.37	10.25	3.44	10.00	3.51	9.75	3.58	9.50	3.58
		10	8	10.92	3.37	10.66	3.44	10.40	3.51	10.14	3.58	9.88	3.58
		15	10	10.92	3.13	10.66	3.20	10.40	3.26	10.14	3.33	9.88	3.34
		20	15	9.45	2.21	9.23	2.30	9.00	2.30	8.78	2.30	8.55	2.30

● Indoor unit : 9000Btu + 9000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.21	3.21	7.04	3.27	6.87	3.34	6.70	3.41	6.52	3.47
		-5	-7	7.95	3.31	7.76	3.38	7.58	3.45	7.39	3.51	7.20	3.58
		0	-2	8.91	3.24	8.70	3.31	8.48	3.38	8.27	3.44	8.06	3.51
		5	3	9.86	3.34	9.63	3.41	9.39	3.48	9.16	3.58	8.92	3.58
		7	6	10.61	3.34	10.35	3.41	10.10	3.48	9.85	3.58	9.60	3.58
		10	8	11.03	3.34	10.77	3.41	10.50	3.48	10.24	3.58	9.98	3.58
		15	10	11.03	3.11	10.77	3.17	10.50	3.24	10.24	3.30	9.98	3.34
		20	15	9.54	2.21	9.32	2.30	9.09	2.30	8.86	2.30	8.64	2.30

● Indoor unit : 9000Btu + 9000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.25	3.17	7.07	3.24	6.90	3.31	6.73	3.37	6.56	3.44
		-5	-7	8.00	3.27	7.81	3.34	7.62	3.41	7.43	3.48	7.24	3.55
		0	-2	9.08	3.34	8.87	3.41	8.65	3.48	8.44	3.55	8.22	3.58
		5	3	10.06	3.34	9.82	3.41	9.58	3.48	9.34	3.58	9.10	3.58
		7	6	10.82	3.34	10.56	3.41	10.30	3.48	10.04	3.58	9.79	3.58
		10	8	11.25	3.34	10.98	3.41	10.71	3.48	10.44	3.58	10.18	3.58
		15	10	11.19	3.11	10.93	3.17	10.66	3.24	10.39	3.30	10.13	3.34
		20	15	9.52	2.21	9.29	2.30	9.06	2.30	8.84	2.30	8.61	2.30

● Indoor unit : 9000Btu + 9000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+9+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.02	3.17	7.83	3.24	7.64	3.31	7.45	3.37	7.26	3.44
		-5	-7	8.86	3.27	8.65	3.34	8.44	3.41	8.23	3.48	8.01	3.55
		0	-2	10.05	3.34	9.82	3.41	9.58	3.48	9.34	3.55	9.10	3.58
		5	3	11.13	3.34	10.87	3.41	10.60	3.48	10.34	3.58	10.07	3.58
		7	6	11.97	3.34	11.69	3.41	11.40	3.48	11.12	3.58	10.83	3.58
		10	8	12.45	3.34	12.15	3.41	11.86	3.48	11.56	3.58	11.26	3.58
		15	10	12.39	3.11	12.09	3.17	11.80	3.24	11.50	3.30	11.21	3.34
		20	15	10.53	2.21	10.28	2.30	10.03	2.30	9.78	2.30	9.53	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu + 24000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.86	3.12	7.68	3.18	7.49	3.25	7.30	3.31	7.11	3.38
		-5	-7	8.85	3.26	8.63	3.32	8.42	3.39	8.21	3.46	8.00	3.53
		0	-2	10.20	3.43	9.95	3.50	9.71	3.57	9.47	3.58	9.23	3.58
		5	3	11.49	3.44	11.21	3.51	10.94	3.58	10.67	3.58	10.39	3.58
		7	6	12.29	3.44	11.99	3.51	11.70	3.58	11.41	3.58	11.12	3.58
		10	8	12.78	3.44	12.47	3.51	12.17	3.58	11.86	3.58	11.56	3.58
		15	10	12.71	3.19	12.41	3.25	12.11	3.32	11.81	3.34	11.50	3.34
		20	15	10.81	2.21	10.55	2.30	10.30	2.30	10.04	2.30	9.78	2.30

● Indoor unit : 9000Btu + 12000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.25	3.21	7.07	3.28	6.90	3.34	6.73	3.41	6.56	3.48
		-5	-7	8.00	3.31	7.81	3.38	7.62	3.45	7.43	3.52	7.24	3.58
		0	-2	9.08	3.38	8.87	3.45	8.65	3.52	8.44	3.58	8.22	3.58
		5	3	10.06	3.38	9.82	3.45	9.58	3.52	9.34	3.58	9.10	3.58
		7	6	10.82	3.38	10.56	3.45	10.30	3.52	10.04	3.58	9.79	3.58
		10	8	11.25	3.38	10.98	3.45	10.71	3.52	10.44	3.58	10.18	3.58
		15	10	11.19	3.14	10.93	3.21	10.66	3.27	10.39	3.34	10.13	3.34
		20	15	9.52	2.21	9.29	2.30	9.06	2.30	8.84	2.30	8.61	2.30

● Indoor unit : 9000Btu + 12000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.39	3.21	7.21	3.28	7.04	3.34	6.86	3.41	6.68	3.48
		-5	-7	8.16	3.31	7.96	3.38	7.77	3.45	7.58	3.52	7.38	3.58
		0	-2	9.26	3.38	9.04	3.45	8.82	3.52	8.60	3.58	8.38	3.58
		5	3	10.25	3.38	10.01	3.45	9.77	3.52	9.52	3.58	9.28	3.58
		7	6	11.03	3.38	10.76	3.45	10.50	3.52	10.24	3.58	9.98	3.58
		10	8	11.47	3.38	11.19	3.45	10.92	3.52	10.65	3.58	10.37	3.58
		15	10	11.41	3.14	11.14	3.21	10.87	3.27	10.60	3.34	10.32	3.34
		20	15	9.70	2.21	9.47	2.30	9.24	2.30	9.01	2.30	8.78	2.30

● Indoor unit : 9000Btu + 12000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+12+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.66	3.03	7.48	3.09	7.30	3.16	7.11	3.22	6.93	3.28
		-5	-7	8.62	3.16	8.41	3.23	8.21	3.30	8.00	3.36	7.80	3.43
		0	-2	9.94	3.33	9.70	3.40	9.46	3.47	9.23	3.54	8.99	3.58
		5	3	11.19	3.33	10.93	3.40	10.66	3.47	10.39	3.54	10.13	3.58
		7	6	11.97	3.33	11.69	3.40	11.40	3.47	11.12	3.54	10.83	3.58
		10	8	12.45	3.33	12.15	3.40	11.86	3.47	11.56	3.54	11.26	3.58
		15	10	12.39	3.10	12.09	3.16	11.80	3.23	11.50	3.29	11.21	3.34
		20	15	10.53	2.21	10.28	2.30	10.03	2.30	9.78	2.30	9.53	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 12000Btu + 24000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+12+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.93	3.10	7.74	3.17	7.55	3.23	7.36	3.30	7.17	3.36
		-5	-7	8.92	3.24	8.71	3.31	8.50	3.37	8.28	3.44	8.07	3.51
		0	-2	10.28	3.41	10.04	3.48	9.79	3.55	9.55	3.58	9.30	3.58
		5	3	11.58	3.44	11.31	3.51	11.03	3.58	10.76	3.58	10.48	3.58
		7	6	12.39	3.44	12.10	3.51	11.80	3.58	11.51	3.58	11.21	3.58
		10	8	12.89	3.44	12.58	3.51	12.27	3.58	11.97	3.58	11.66	3.58
		15	10	12.82	3.17	12.52	3.24	12.21	3.30	11.91	3.34	11.60	3.34
		20	15	10.90	2.21	10.64	2.30	10.38	2.30	10.12	2.30	9.86	2.30

● Indoor unit : 9000Btu + 14000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+14+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.19	3.02	7.02	3.09	6.85	3.15	6.68	3.21	6.51	3.27
		-5	-7	8.09	3.16	7.90	3.22	7.70	3.29	7.51	3.35	7.32	3.42
		0	-2	9.33	3.32	9.10	3.39	8.88	3.46	8.66	3.53	8.44	3.58
		5	3	10.50	3.32	10.25	3.39	10.00	3.46	9.75	3.53	9.50	3.58
		7	6	11.24	3.32	10.97	3.39	10.70	3.46	10.43	3.53	10.17	3.58
		10	8	11.68	3.32	11.41	3.39	11.13	3.46	10.85	3.53	10.57	3.58
		15	10	11.63	3.09	11.35	3.15	11.07	3.22	10.80	3.28	10.52	3.34
		20	15	9.89	2.21	9.65	2.30	9.42	2.30	9.18	2.30	8.95	2.30

● Indoor unit : 9000Btu + 14000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+14+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.80	3.07	7.61	3.13	7.42	3.19	7.24	3.26	7.05	3.32
		-5	-7	8.77	3.20	8.56	3.27	8.35	3.33	8.14	3.40	7.93	3.47
		0	-2	10.11	3.37	9.87	3.44	9.63	3.51	9.39	3.58	9.15	3.58
		5	3	11.39	3.37	11.12	3.44	10.85	3.51	10.57	3.58	10.30	3.58
		7	6	12.18	3.37	11.89	3.44	11.60	3.51	11.31	3.58	11.02	3.58
		10	8	12.67	3.37	12.37	3.44	12.06	3.51	11.76	3.58	11.46	3.58
		15	10	12.61	3.13	12.31	3.20	12.01	3.26	11.71	3.33	11.41	3.34
		20	15	10.72	2.21	10.46	2.30	10.21	2.30	9.95	2.30	9.70	2.30

● Indoor unit : 9000Btu + 14000Btu + 24000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+14+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.00	3.12	7.81	3.18	7.62	3.25	7.43	3.31	7.24	3.38
		-5	-7	9.00	3.26	8.78	3.32	8.57	3.39	8.35	3.46	8.14	3.53
		0	-2	10.37	3.43	10.12	3.50	9.88	3.57	9.63	3.58	9.38	3.58
		5	3	11.68	3.44	11.40	3.51	11.13	3.58	10.85	3.58	10.57	3.58
		7	6	12.50	3.44	12.20	3.51	11.90	3.58	11.60	3.58	11.31	3.58
		10	8	12.99	3.44	12.69	3.51	12.38	3.58	12.07	3.58	11.76	3.58
		15	10	12.93	3.19	12.62	3.25	12.32	3.32	12.01	3.34	11.70	3.34
		20	15	11.00	2.21	10.73	2.30	10.47	2.30	10.21	2.30	9.95	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 18000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+18+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.08	7.87	3.14	7.68	3.20	7.49	3.27	7.30	3.33
		-5	-7	9.07	3.21	8.86	3.28	8.64	3.34	8.42	3.41	8.21	3.48
		0	-2	10.46	3.38	10.21	3.45	9.96	3.52	9.71	3.58	9.46	3.58
		5	3	11.78	3.38	11.50	3.45	11.22	3.52	10.94	3.58	10.66	3.58
		7	6	12.60	3.38	12.30	3.45	12.00	3.52	11.70	3.58	11.40	3.58
		10	8	13.10	3.38	12.79	3.45	12.48	3.52	12.17	3.58	11.86	3.58
		15	10	13.04	3.14	12.73	3.21	12.42	3.27	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

● Indoor unit : 12000Btu + 12000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
12+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.25	3.18	7.07	3.25	6.90	3.32	6.73	3.38	6.56	3.45
		-5	-7	8.00	3.28	7.81	3.35	7.62	3.42	7.43	3.49	7.24	3.56
		0	-2	9.08	3.35	8.87	3.42	8.65	3.49	8.44	3.56	8.22	3.58
		5	3	10.06	3.35	9.82	3.42	9.58	3.49	9.34	3.58	9.10	3.58
		7	6	10.82	3.35	10.56	3.42	10.30	3.49	10.04	3.58	9.79	3.58
		10	8	11.25	3.35	10.98	3.42	10.71	3.49	10.44	3.58	10.18	3.58
		15	10	11.19	3.12	10.93	3.18	10.66	3.25	10.39	3.31	10.13	3.34
		20	15	9.52	2.21	9.29	2.30	9.06	2.30	8.84	2.30	8.61	2.30

● Indoor unit : 12000Btu + 12000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.12	3.05	6.95	3.11	6.78	3.18	6.61	3.24	6.44	3.30
		-5	-7	8.01	3.18	7.82	3.25	7.63	3.32	7.44	3.38	7.25	3.45
		0	-2	9.24	3.35	9.02	3.42	8.80	3.49	8.58	3.56	8.36	3.58
		5	3	10.41	3.35	10.16	3.42	9.91	3.49	9.66	3.58	9.42	3.58
		7	6	11.13	3.35	10.87	3.42	10.60	3.49	10.34	3.58	10.07	3.58
		10	8	11.58	3.35	11.30	3.42	11.02	3.49	10.75	3.58	10.47	3.58
		15	10	11.52	3.12	11.25	3.18	10.97	3.25	10.70	3.31	10.42	3.34
		20	15	9.79	2.21	9.56	2.30	9.33	2.30	9.09	2.30	8.86	2.30

● Indoor unit : 12000Btu + 12000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+12+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.80	3.08	7.61	3.14	7.42	3.20	7.24	3.27	7.05	3.33
		-5	-7	8.77	3.21	8.56	3.28	8.35	3.34	8.14	3.41	7.93	3.48
		0	-2	10.11	3.38	9.87	3.45	9.63	3.52	9.39	3.58	9.15	3.58
		5	3	11.39	3.38	11.12	3.45	10.85	3.52	10.57	3.58	10.30	3.58
		7	6	12.18	3.38	11.89	3.45	11.60	3.52	11.31	3.58	11.02	3.58
		10	8	12.67	3.38	12.37	3.45	12.06	3.52	11.76	3.58	11.46	3.58
		15	10	12.61	3.14	12.31	3.21	12.01	3.27	11.71	3.34	11.41	3.34
		20	15	10.72	2.21	10.46	2.30	10.21	2.30	9.95	2.30	9.70	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 12000Btu + 12000Btu + 24000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+12+24	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.93	3.09	7.74	3.16	7.55	3.22	7.36	3.29	7.17	3.35
		-5	-7	8.92	3.23	8.71	3.30	8.50	3.36	8.28	3.43	8.07	3.50
		0	-2	10.28	3.40	10.04	3.47	9.79	3.54	9.55	3.58	9.30	3.58
		5	3	11.58	3.40	11.31	3.47	11.03	3.54	10.76	3.58	10.48	3.58
		7	6	12.39	3.40	12.10	3.47	11.80	3.54	11.51	3.58	11.21	3.58
		10	8	12.89	3.40	12.58	3.47	12.27	3.54	11.97	3.58	11.66	3.58
		15	10	12.82	3.16	12.52	3.23	12.21	3.29	11.91	3.34	11.60	3.34
		20	15	10.90	2.21	10.64	2.30	10.38	2.30	10.12	2.30	9.86	2.30

● Indoor unit : 12000Btu + 14000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+14+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.26	3.06	7.08	3.12	6.91	3.19	6.74	3.25	6.57	3.31
		-5	-7	8.16	3.19	7.97	3.26	7.78	3.33	7.58	3.39	7.39	3.46
		0	-2	9.41	3.36	9.19	3.43	8.96	3.50	8.74	3.57	8.52	3.58
		5	3	10.60	3.36	10.35	3.43	10.10	3.50	9.85	3.58	9.59	3.58
		7	6	11.34	3.36	11.07	3.43	10.80	3.50	10.53	3.58	10.26	3.58
		10	8	11.79	3.36	11.51	3.43	11.23	3.50	10.95	3.58	10.67	3.58
		15	10	11.74	3.12	11.46	3.19	11.18	3.26	10.90	3.32	10.62	3.34
		20	15	9.98	2.21	9.74	2.30	9.50	2.30	9.27	2.30	9.03	2.30

● Indoor unit : 12000Btu + 14000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+14+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.80	3.05	7.61	3.11	7.42	3.18	7.24	3.24	7.05	3.30
		-5	-7	8.77	3.18	8.56	3.25	8.35	3.32	8.14	3.38	7.93	3.45
		0	-2	10.11	3.35	9.87	3.42	9.63	3.49	9.39	3.56	9.15	3.58
		5	3	11.39	3.35	11.12	3.42	10.85	3.49	10.57	3.58	10.30	3.58
		7	6	12.18	3.35	11.89	3.42	11.60	3.49	11.31	3.58	11.02	3.58
		10	8	12.67	3.35	12.37	3.42	12.06	3.49	11.76	3.58	11.46	3.58
		15	10	12.61	3.12	12.31	3.18	12.01	3.25	11.71	3.31	11.41	3.34
		20	15	10.72	2.21	10.46	2.30	10.21	2.30	9.95	2.30	9.70	2.30

● Indoor unit : 12000Btu + 18000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+18+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.08	7.87	3.14	7.68	3.20	7.49	3.27	7.30	3.33
		-5	-7	9.07	3.21	8.86	3.28	8.64	3.34	8.42	3.41	8.21	3.48
		0	-2	10.46	3.38	10.21	3.45	9.96	3.52	9.71	3.58	9.46	3.58
		5	3	11.78	3.38	11.50	3.45	11.22	3.52	10.94	3.58	10.66	3.58
		7	6	12.60	3.38	12.30	3.45	12.00	3.52	11.70	3.58	11.40	3.58
		10	8	13.10	3.38	12.79	3.45	12.48	3.52	12.17	3.58	11.86	3.58
		15	10	13.04	3.14	12.73	3.21	12.42	3.27	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 7000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+7+7	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.71	3.20	7.53	3.26	7.34	3.33	7.16	3.40	6.98	3.46
		-5	-7	8.51	3.30	8.30	3.37	8.10	3.44	7.90	3.50	7.70	3.57
		0	-2	9.53	3.23	9.30	3.30	9.07	3.37	8.85	3.43	8.62	3.50
		5	3	10.55	3.33	10.30	3.40	10.04	3.47	9.79	3.54	9.54	3.58
		7	6	11.34	3.33	11.07	3.40	10.80	3.47	10.53	3.54	10.26	3.58
		10	8	11.79	3.33	11.51	3.40	11.23	3.47	10.95	3.54	10.67	3.58
		15	10	11.79	3.10	11.51	3.16	11.23	3.23	10.95	3.29	10.67	3.34
		20	15	10.21	2.21	9.96	2.30	9.72	2.30	9.48	2.30	9.23	2.30

● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+7+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.78	3.23	7.60	3.30	7.41	3.37	7.23	3.44	7.04	3.50
		-5	-7	8.58	3.34	8.38	3.41	8.18	3.47	7.97	3.54	7.77	3.58
		0	-2	9.61	3.27	9.38	3.34	9.16	3.40	8.93	3.47	8.70	3.54
		5	3	10.64	3.37	10.39	3.44	10.14	3.51	9.88	3.58	9.63	3.58
		7	6	11.45	3.37	11.17	3.44	10.90	3.51	10.63	3.58	10.36	3.58
		10	8	11.90	3.37	11.62	3.44	11.34	3.51	11.05	3.58	10.77	3.58
		15	10	11.90	3.13	11.62	3.20	11.34	3.26	11.05	3.33	10.77	3.34
		20	15	10.30	2.21	10.06	2.30	9.81	2.30	9.56	2.30	9.32	2.30

● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+7+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.81	3.24	7.62	3.31	7.44	3.37	7.25	3.44	7.07	3.51
		-5	-7	8.62	3.34	8.42	3.41	8.21	3.48	8.01	3.55	7.80	3.58
		0	-2	9.79	3.41	9.56	3.48	9.32	3.55	9.09	3.58	8.86	3.58
		5	3	10.84	3.44	10.58	3.51	10.32	3.58	10.06	3.58	9.81	3.58
		7	6	11.66	3.44	11.38	3.51	11.10	3.58	10.82	3.58	10.55	3.58
		10	8	12.12	3.44	11.83	3.51	11.54	3.58	11.26	3.58	10.97	3.58
		15	10	12.06	3.17	11.78	3.24	11.49	3.30	11.20	3.34	10.91	3.34
		20	15	10.26	2.21	10.01	2.30	9.77	2.30	9.52	2.30	9.28	2.30

● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+7+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.95	3.25	7.76	3.31	7.57	3.38	7.38	3.45	7.19	3.52
		-5	-7	8.78	3.35	8.57	3.42	8.36	3.49	8.15	3.56	7.94	3.58
		0	-2	9.97	3.42	9.73	3.49	9.49	3.56	9.25	3.58	9.02	3.58
		5	3	11.03	3.44	10.77	3.51	10.51	3.58	10.25	3.58	9.98	3.58
		7	6	11.87	3.44	11.58	3.51	11.30	3.58	11.02	3.58	10.74	3.58
		10	8	12.34	3.44	12.05	3.51	11.75	3.58	11.46	3.58	11.16	3.58
		15	10	12.28	3.18	11.99	3.24	11.70	3.31	11.40	3.34	11.11	3.34
		20	15	10.44	2.21	10.19	2.30	9.94	2.30	9.70	2.30	9.45	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 7000Btu + 7000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+7+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.11	7.87	3.17	7.68	3.24	7.49	3.30	7.30	3.37
		-5	-7	9.07	3.25	8.86	3.31	8.64	3.38	8.42	3.45	8.21	3.52
		0	-2	10.46	3.42	10.21	3.49	9.96	3.56	9.71	3.58	9.46	3.58
		5	3	11.78	3.44	11.50	3.51	11.22	3.58	10.94	3.58	10.66	3.58
		7	6	12.60	3.44	12.30	3.51	12.00	3.58	11.70	3.58	11.40	3.58
		10	8	13.10	3.44	12.79	3.51	12.48	3.58	12.17	3.58	11.86	3.58
		15	10	13.04	3.18	12.73	3.24	12.42	3.31	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.67	3.14	7.49	3.20	7.30	3.27	7.12	3.33	6.94	3.40
		-5	-7	8.47	3.24	8.27	3.30	8.07	3.37	7.86	3.44	7.66	3.51
		0	-2	9.61	3.30	9.38	3.37	9.16	3.44	8.93	3.51	8.70	3.58
		5	3	10.64	3.30	10.39	3.37	10.14	3.44	9.88	3.51	9.63	3.58
		7	6	11.45	3.30	11.17	3.37	10.90	3.44	10.63	3.51	10.36	3.58
		10	8	11.90	3.30	11.62	3.37	11.34	3.44	11.05	3.51	10.77	3.58
		15	10	11.85	3.07	11.56	3.14	11.28	3.20	11.00	3.26	10.72	3.33
		20	15	10.07	2.21	9.83	2.30	9.59	2.30	9.35	2.30	9.11	2.30

● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.81	3.23	7.62	3.30	7.44	3.36	7.25	3.43	7.07	3.50
		-5	-7	8.62	3.33	8.42	3.40	8.21	3.47	8.01	3.54	7.80	3.58
		0	-2	9.79	3.40	9.56	3.47	9.32	3.54	9.09	3.58	8.86	3.58
		5	3	10.84	3.40	10.58	3.47	10.32	3.54	10.06	3.58	9.81	3.58
		7	6	11.66	3.40	11.38	3.47	11.10	3.54	10.82	3.58	10.55	3.58
		10	8	12.12	3.40	11.83	3.47	11.54	3.54	11.26	3.58	10.97	3.58
		15	10	12.06	3.16	11.78	3.23	11.49	3.29	11.20	3.34	10.91	3.34
		20	15	10.26	2.21	10.01	2.30	9.77	2.30	9.52	2.30	9.28	2.30

● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.66	3.09	7.48	3.16	7.30	3.22	7.11	3.29	6.93	3.35
		-5	-7	8.62	3.23	8.41	3.30	8.21	3.36	8.00	3.43	7.80	3.50
		0	-2	9.94	3.40	9.70	3.47	9.46	3.54	9.23	3.58	8.99	3.58
		5	3	11.19	3.40	10.93	3.47	10.66	3.54	10.39	3.58	10.13	3.58
		7	6	11.97	3.40	11.69	3.47	11.40	3.54	11.12	3.58	10.83	3.58
		10	8	12.45	3.40	12.15	3.47	11.86	3.54	11.56	3.58	11.26	3.58
		15	10	12.39	3.16	12.09	3.23	11.80	3.29	11.50	3.34	11.21	3.34
		20	15	10.53	2.21	10.28	2.30	10.03	2.30	9.78	2.30	9.53	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 7000Btu + 9000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+7+9+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.10	7.87	3.17	7.68	3.23	7.49	3.30	7.30	3.36
		-5	-7	9.07	3.24	8.86	3.31	8.64	3.37	8.42	3.44	8.21	3.51
		0	-2	10.46	3.41	10.21	3.48	9.96	3.55	9.71	3.58	9.46	3.58
		5	3	11.78	3.44	11.50	3.51	11.22	3.58	10.94	3.58	10.66	3.58
		7	6	12.60	3.44	12.30	3.51	12.00	3.58	11.70	3.58	11.40	3.58
		10	8	13.10	3.44	12.79	3.51	12.48	3.58	12.17	3.58	11.86	3.58
		15	10	13.04	3.17	12.73	3.24	12.42	3.30	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+7+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.59	3.12	7.41	3.18	7.23	3.25	7.05	3.31	6.87	3.38
		-5	-7	8.54	3.26	8.34	3.32	8.14	3.39	7.93	3.46	7.73	3.53
		0	-2	9.85	3.43	9.61	3.50	9.38	3.57	9.14	3.58	8.91	3.58
		5	3	11.09	3.44	10.83	3.51	10.57	3.58	10.30	3.58	10.04	3.58
		7	6	11.87	3.44	11.58	3.51	11.30	3.58	11.02	3.58	10.74	3.58
		10	8	12.34	3.44	12.05	3.51	11.75	3.58	11.46	3.58	11.16	3.58
		15	10	12.28	3.19	11.99	3.25	11.70	3.32	11.40	3.34	11.11	3.34
		20	15	10.44	2.21	10.19	2.30	9.94	2.30	9.70	2.30	9.45	2.30

● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+7+12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.73	3.13	7.54	3.19	7.36	3.26	7.18	3.32	6.99	3.39
		-5	-7	8.69	3.26	8.49	3.33	8.28	3.40	8.07	3.47	7.87	3.54
		0	-2	10.02	3.44	9.78	3.51	9.55	3.58	9.31	3.58	9.07	3.58
		5	3	11.29	3.44	11.02	3.51	10.75	3.58	10.48	3.58	10.21	3.58
		7	6	12.08	3.44	11.79	3.51	11.50	3.58	11.21	3.58	10.93	3.58
		10	8	12.56	3.44	12.26	3.51	11.96	3.58	11.66	3.58	11.36	3.58
		15	10	12.50	3.20	12.20	3.26	11.90	3.33	11.60	3.34	11.31	3.34
		20	15	10.63	2.21	10.37	2.30	10.12	2.30	9.87	2.30	9.61	2.30

● Indoor unit : 7000Btu + 7000Btu + 12000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+7+12+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.13	7.87	3.19	7.68	3.26	7.49	3.32	7.30	3.39
		-5	-7	9.07	3.26	8.86	3.33	8.64	3.40	8.42	3.47	8.21	3.54
		0	-2	10.46	3.44	10.21	3.51	9.96	3.58	9.71	3.58	9.46	3.58
		5	3	11.78	3.44	11.50	3.51	11.22	3.58	10.94	3.58	10.66	3.58
		7	6	12.60	3.44	12.30	3.51	12.00	3.58	11.70	3.58	11.40	3.58
		10	8	13.10	3.44	12.79	3.51	12.48	3.58	12.17	3.58	11.86	3.58
		15	10	13.04	3.20	12.73	3.26	12.42	3.33	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 7000Btu + 14000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+14+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.93	3.13	7.74	3.19	7.55	3.26	7.36	3.32	7.17	3.39
		-5	-7	8.92	3.26	8.71	3.33	8.50	3.40	8.28	3.47	8.07	3.54
		0	-2	10.28	3.44	10.04	3.51	9.79	3.58	9.55	3.58	9.30	3.58
		5	3	11.58	3.44	11.31	3.51	11.03	3.58	10.76	3.58	10.48	3.58
		7	6	12.39	3.44	12.10	3.51	11.80	3.58	11.51	3.58	11.21	3.58
		10	8	12.89	3.44	12.58	3.51	12.27	3.58	11.97	3.58	11.66	3.58
		15	10	12.82	3.20	12.52	3.26	12.21	3.33	11.91	3.34	11.60	3.34
		20	15	10.90	2.21	10.64	2.30	10.38	2.30	10.12	2.30	9.86	2.30

● Indoor unit : 7000Btu + 7000Btu + 14000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+7+14+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.11	7.87	3.17	7.68	3.24	7.49	3.30	7.30	3.37
		-5	-7	9.07	3.25	8.86	3.31	8.64	3.38	8.42	3.45	8.21	3.52
		0	-2	10.46	3.42	10.21	3.49	9.96	3.56	9.71	3.58	9.46	3.58
		5	3	11.78	3.44	11.50	3.51	11.22	3.58	10.94	3.58	10.66	3.58
		7	6	12.60	3.44	12.30	3.51	12.00	3.58	11.70	3.58	11.40	3.58
		10	8	13.10	3.44	12.79	3.51	12.48	3.58	12.17	3.58	11.86	3.58
		15	10	13.04	3.18	12.73	3.24	12.42	3.31	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.88	3.23	7.69	3.30	7.50	3.36	7.32	3.43	7.13	3.50
		-5	-7	8.70	3.33	8.50	3.40	8.29	3.47	8.08	3.54	7.87	3.58
		0	-2	9.88	3.40	9.64	3.47	9.41	3.54	9.17	3.58	8.94	3.58
		5	3	10.94	3.40	10.68	3.47	10.42	3.54	10.16	3.58	9.90	3.58
		7	6	11.76	3.40	11.48	3.47	11.20	3.54	10.92	3.58	10.64	3.58
		10	8	12.23	3.40	11.94	3.47	11.65	3.54	11.36	3.58	11.07	3.58
		15	10	12.17	3.16	11.88	3.23	11.59	3.29	11.30	3.34	11.01	3.34
		20	15	10.35	2.21	10.10	2.30	9.86	2.30	9.61	2.30	9.36	2.30

● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.59	3.13	7.41	3.19	7.23	3.26	7.05	3.32	6.87	3.39
		-5	-7	8.54	3.26	8.34	3.33	8.14	3.40	7.93	3.47	7.73	3.54
		0	-2	9.85	3.44	9.61	3.51	9.38	3.58	9.14	3.58	8.91	3.58
		5	3	11.09	3.44	10.83	3.51	10.57	3.58	10.30	3.58	10.04	3.58
		7	6	11.87	3.44	11.58	3.51	11.30	3.58	11.02	3.58	10.74	3.58
		10	8	12.34	3.44	12.05	3.51	11.75	3.58	11.46	3.58	11.16	3.58
		15	10	12.28	3.20	11.99	3.26	11.70	3.33	11.40	3.34	11.11	3.34
		20	15	10.44	2.21	10.19	2.30	9.94	2.30	9.70	2.30	9.45	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.73	3.13	7.54	3.19	7.36	3.26	7.18	3.32	6.99	3.39
		-5	-7	8.69	3.26	8.49	3.33	8.28	3.40	8.07	3.47	7.87	3.54
		0	-2	10.02	3.44	9.78	3.51	9.55	3.58	9.31	3.58	9.07	3.58
		5	3	11.29	3.44	11.02	3.51	10.75	3.58	10.48	3.58	10.21	3.58
		7	6	12.08	3.44	11.79	3.51	11.50	3.58	11.21	3.58	10.93	3.58
		10	8	12.56	3.44	12.26	3.51	11.96	3.58	11.66	3.58	11.36	3.58
		15	10	12.50	3.20	12.20	3.26	11.90	3.33	11.60	3.34	11.31	3.34
		20	15	10.63	2.21	10.37	2.30	10.12	2.30	9.87	2.30	9.61	2.30

● Indoor unit : 7000Btu + 9000Btu + 9000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9+9+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.13	7.87	3.19	7.68	3.26	7.49	3.32	7.30	3.39
		-5	-7	9.07	3.26	8.86	3.33	8.64	3.40	8.42	3.47	8.21	3.54
		0	-2	10.46	3.44	10.21	3.51	9.96	3.58	9.71	3.58	9.46	3.58
		5	3	11.78	3.44	11.50	3.51	11.22	3.58	10.94	3.58	10.66	3.58
		7	6	12.60	3.44	12.30	3.51	12.00	3.58	11.70	3.58	11.40	3.58
		10	8	13.10	3.44	12.79	3.51	12.48	3.58	12.17	3.58	11.86	3.58
		15	10	13.04	3.20	12.73	3.26	12.42	3.33	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.66	3.13	7.48	3.19	7.30	3.26	7.11	3.32	6.93	3.39
		-5	-7	8.62	3.26	8.41	3.33	8.21	3.40	8.00	3.47	7.80	3.54
		0	-2	9.94	3.44	9.70	3.51	9.46	3.58	9.23	3.58	8.99	3.58
		5	3	11.19	3.44	10.93	3.51	10.66	3.58	10.39	3.58	10.13	3.58
		7	6	11.97	3.44	11.69	3.51	11.40	3.58	11.12	3.58	10.83	3.58
		10	8	12.45	3.44	12.15	3.51	11.86	3.58	11.56	3.58	11.26	3.58
		15	10	12.39	3.20	12.09	3.26	11.80	3.33	11.50	3.34	11.21	3.34
		20	15	10.53	2.21	10.28	2.30	10.03	2.30	9.78	2.30	9.53	2.30

● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+9+12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.80	3.13	7.61	3.19	7.42	3.26	7.24	3.32	7.05	3.39
		-5	-7	8.77	3.26	8.56	3.33	8.35	3.40	8.14	3.47	7.93	3.54
		0	-2	10.11	3.44	9.87	3.51	9.63	3.58	9.39	3.58	9.15	3.58
		5	3	11.39	3.44	11.12	3.51	10.85	3.58	10.57	3.58	10.30	3.58
		7	6	12.18	3.44	11.89	3.51	11.60	3.58	11.31	3.58	11.02	3.58
		10	8	12.67	3.44	12.37	3.51	12.06	3.58	11.76	3.58	11.46	3.58
		15	10	12.61	3.20	12.31	3.26	12.01	3.33	11.71	3.34	11.41	3.34
		20	15	10.72	2.21	10.46	2.30	10.21	2.30	9.95	2.30	9.70	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 9000Btu + 12000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+12+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.13	7.87	3.19	7.68	3.26	7.49	3.32	7.30	3.39
		-5	-7	9.07	3.26	8.86	3.33	8.64	3.40	8.42	3.47	8.21	3.54
		0	-2	10.46	3.44	10.21	3.51	9.96	3.58	9.71	3.58	9.46	3.58
		5	3	11.78	3.44	11.50	3.51	11.22	3.58	10.94	3.58	10.66	3.58
		7	6	12.60	3.44	12.30	3.51	12.00	3.58	11.70	3.58	11.40	3.58
		10	8	13.10	3.44	12.79	3.51	12.48	3.58	12.17	3.58	11.86	3.58
		15	10	13.04	3.20	12.73	3.26	12.42	3.33	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

● Indoor unit : 7000Btu + 9000Btu + 14000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+14+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.93	3.13	7.74	3.19	7.55	3.26	7.36	3.32	7.17	3.39
		-5	-7	8.92	3.26	8.71	3.33	8.50	3.40	8.28	3.47	8.07	3.54
		0	-2	10.28	3.44	10.04	3.51	9.79	3.58	9.55	3.58	9.30	3.58
		5	3	11.58	3.44	11.31	3.51	11.03	3.58	10.76	3.58	10.48	3.58
		7	6	12.39	3.44	12.10	3.51	11.80	3.58	11.51	3.58	11.21	3.58
		10	8	12.89	3.44	12.58	3.51	12.27	3.58	11.97	3.58	11.66	3.58
		15	10	12.82	3.20	12.52	3.26	12.21	3.33	11.91	3.34	11.60	3.34
		20	15	10.90	2.21	10.64	2.30	10.38	2.30	10.12	2.30	9.86	2.30

● Indoor unit : 7000Btu + 9000Btu + 14000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+9+14+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.13	7.87	3.19	7.68	3.26	7.49	3.32	7.30	3.39
		-5	-7	9.07	3.26	8.86	3.33	8.64	3.40	8.42	3.47	8.21	3.54
		0	-2	10.46	3.44	10.21	3.51	9.96	3.58	9.71	3.58	9.46	3.58
		5	3	11.78	3.44	11.50	3.51	11.22	3.58	10.94	3.58	10.66	3.58
		7	6	12.60	3.44	12.30	3.51	12.00	3.58	11.70	3.58	11.40	3.58
		10	8	13.10	3.44	12.79	3.51	12.48	3.58	12.17	3.58	11.86	3.58
		15	10	13.04	3.20	12.73	3.26	12.42	3.33	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+12+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.73	3.13	7.54	3.19	7.36	3.26	7.18	3.32	6.99	3.39
		-5	-7	8.69	3.26	8.49	3.33	8.28	3.40	8.07	3.47	7.87	3.54
		0	-2	10.02	3.44	9.78	3.51	9.55	3.58	9.31	3.58	9.07	3.58
		5	3	11.29	3.44	11.02	3.51	10.75	3.58	10.48	3.58	10.21	3.58
		7	6	12.08	3.44	11.79	3.51	11.50	3.58	11.21	3.58	10.93	3.58
		10	8	12.56	3.44	12.26	3.51	11.96	3.58	11.66	3.58	11.36	3.58
		15	10	12.50	3.20	12.20	3.26	11.90	3.33	11.60	3.34	11.31	3.34
		20	15	10.63	2.21	10.37	2.30	10.12	2.30	9.87	2.30	9.61	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+12+12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.86	3.13	7.68	3.19	7.49	3.26	7.30	3.32	7.11	3.39
		-5	-7	8.85	3.26	8.63	3.33	8.42	3.40	8.21	3.47	8.00	3.54
		0	-2	10.20	3.44	9.95	3.51	9.71	3.58	9.47	3.58	9.23	3.58
		5	3	11.49	3.44	11.21	3.51	10.94	3.58	10.67	3.58	10.39	3.58
		7	6	12.29	3.44	11.99	3.51	11.70	3.58	11.41	3.58	11.12	3.58
		10	8	12.78	3.44	12.47	3.51	12.17	3.58	11.86	3.58	11.56	3.58
		15	10	12.71	3.20	12.41	3.26	12.11	3.33	11.81	3.34	11.50	3.34
		20	15	10.81	2.21	10.55	2.30	10.30	2.30	10.04	2.30	9.78	2.30

● Indoor unit : 7000Btu + 12000Btu + 12000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
7+12+12+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.11	7.87	3.17	7.68	3.24	7.49	3.30	7.30	3.37
		-5	-7	9.07	3.25	8.86	3.31	8.64	3.38	8.42	3.45	8.21	3.52
		0	-2	10.46	3.42	10.21	3.49	9.96	3.56	9.71	3.58	9.46	3.58
		5	3	11.78	3.44	11.50	3.51	11.22	3.58	10.94	3.58	10.66	3.58
		7	6	12.60	3.44	12.30	3.51	12.00	3.58	11.70	3.58	11.40	3.58
		10	8	13.10	3.44	12.79	3.51	12.48	3.58	12.17	3.58	11.86	3.58
		15	10	13.04	3.18	12.73	3.24	12.42	3.31	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

● Indoor unit : 7000Btu + 12000Btu + 14000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
7+12+14+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.00	3.13	7.81	3.19	7.62	3.26	7.43	3.32	7.24	3.39
		-5	-7	9.00	3.26	8.78	3.33	8.57	3.40	8.35	3.47	8.14	3.54
		0	-2	10.37	3.44	10.12	3.51	9.88	3.58	9.63	3.58	9.38	3.58
		5	3	11.68	3.44	11.40	3.51	11.13	3.58	10.85	3.58	10.57	3.58
		7	6	12.50	3.44	12.20	3.51	11.90	3.58	11.60	3.58	11.31	3.58
		10	8	12.99	3.44	12.69	3.51	12.38	3.58	12.07	3.58	11.76	3.58
		15	10	12.93	3.20	12.62	3.26	12.32	3.33	12.01	3.34	11.70	3.34
		20	15	11.00	2.21	10.73	2.30	10.47	2.30	10.21	2.30	9.95	2.30

● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 9000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+9+9	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.95	3.26	7.76	3.33	7.57	3.40	7.38	3.47	7.19	3.54
		-5	-7	8.78	3.37	8.57	3.44	8.36	3.51	8.15	3.58	7.94	3.58
		0	-2	9.97	3.44	9.73	3.51	9.49	3.58	9.25	3.58	9.02	3.58
		5	3	11.03	3.44	10.77	3.51	10.51	3.58	10.25	3.58	9.98	3.58
		7	6	11.87	3.44	11.58	3.51	11.30	3.58	11.02	3.58	10.74	3.58
		10	8	12.34	3.44	12.05	3.51	11.75	3.58	11.46	3.58	11.16	3.58
		15	10	12.28	3.20	11.99	3.26	11.70	3.33	11.40	3.34	11.11	3.34
		20	15	10.44	2.21	10.19	2.30	9.94	2.30	9.70	2.30	9.45	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+9+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.66	3.13	7.48	3.19	7.30	3.26	7.11	3.32	6.93	3.39
		-5	-7	8.62	3.26	8.41	3.33	8.21	3.40	8.00	3.47	7.80	3.54
		0	-2	9.94	3.44	9.70	3.51	9.46	3.58	9.23	3.58	8.99	3.58
		5	3	11.19	3.44	10.93	3.51	10.66	3.58	10.39	3.58	10.13	3.58
		7	6	11.97	3.44	11.69	3.51	11.40	3.58	11.12	3.58	10.83	3.58
		10	8	12.45	3.44	12.15	3.51	11.86	3.58	11.56	3.58	11.26	3.58
		15	10	12.39	3.20	12.09	3.26	11.80	3.33	11.50	3.34	11.21	3.34
		20	15	10.53	2.21	10.28	2.30	10.03	2.30	9.78	2.30	9.53	2.30

● Indoor unit : 9000Btu + 9000Btu + 9000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+9+9+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.80	3.13	7.61	3.19	7.42	3.26	7.24	3.32	7.05	3.39
		-5	-7	8.77	3.26	8.56	3.33	8.35	3.40	8.14	3.47	7.93	3.54
		0	-2	10.11	3.44	9.87	3.51	9.63	3.58	9.39	3.58	9.15	3.58
		5	3	11.39	3.44	11.12	3.51	10.85	3.58	10.57	3.58	10.30	3.58
		7	6	12.18	3.44	11.89	3.51	11.60	3.58	11.31	3.58	11.02	3.58
		10	8	12.67	3.44	12.37	3.51	12.06	3.58	11.76	3.58	11.46	3.58
		15	10	12.61	3.20	12.31	3.26	12.01	3.33	11.71	3.34	11.41	3.34
		20	15	10.72	2.21	10.46	2.30	10.21	2.30	9.95	2.30	9.70	2.30

● Indoor unit* : 9000Btu + 9000Btu + 9000Btu + 18000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+9+9+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.13	7.87	3.19	7.68	3.26	7.49	3.32	7.30	3.39
		-5	-7	9.07	3.26	8.86	3.33	8.64	3.40	8.42	3.47	8.21	3.54
		0	-2	10.46	3.44	10.21	3.51	9.96	3.58	9.71	3.58	9.46	3.58
		5	3	11.78	3.44	11.50	3.51	11.22	3.58	10.94	3.58	10.66	3.58
		7	6	12.60	3.44	12.30	3.51	12.00	3.58	11.70	3.58	11.40	3.58
		10	8	13.10	3.44	12.79	3.51	12.48	3.58	12.17	3.58	11.86	3.58
		15	10	13.04	3.20	12.73	3.26	12.42	3.33	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

* : The pattern including " AR*G09L + AR*G09L + AR*G09L + AS*G18L " can not be connected.

● Indoor unit : 9000Btu + 9000Btu + 12000Btu + 12000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+9+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.73	3.13	7.54	3.19	7.36	3.26	7.18	3.32	6.99	3.39
		-5	-7	8.69	3.26	8.49	3.33	8.28	3.40	8.07	3.47	7.87	3.54
		0	-2	10.02	3.44	9.78	3.51	9.55	3.58	9.31	3.58	9.07	3.58
		5	3	11.29	3.44	11.02	3.51	10.75	3.58	10.48	3.58	10.21	3.58
		7	6	12.08	3.44	11.79	3.51	11.50	3.58	11.21	3.58	10.93	3.58
		10	8	12.56	3.44	12.26	3.51	11.96	3.58	11.66	3.58	11.36	3.58
		15	10	12.50	3.20	12.20	3.26	11.90	3.33	11.60	3.34	11.31	3.34
		20	15	10.63	2.21	10.37	2.30	10.12	2.30	9.87	2.30	9.61	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 9000Btu + 12000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.86	3.13	7.68	3.19	7.49	3.26	7.30	3.32	7.11	3.39
		-5	-7	8.85	3.26	8.63	3.33	8.42	3.40	8.21	3.47	8.00	3.54
		0	-2	10.20	3.44	9.95	3.51	9.71	3.58	9.47	3.58	9.23	3.58
		5	3	11.49	3.44	11.21	3.51	10.94	3.58	10.67	3.58	10.39	3.58
		7	6	12.29	3.44	11.99	3.51	11.70	3.58	11.41	3.58	11.12	3.58
		10	8	12.78	3.44	12.47	3.51	12.17	3.58	11.86	3.58	11.56	3.58
		15	10	12.71	3.20	12.41	3.26	12.11	3.33	11.81	3.34	11.50	3.34
		20	15	10.81	2.21	10.55	2.30	10.30	2.30	10.04	2.30	9.78	2.30

● Indoor unit* : 9000Btu + 9000Btu + 12000Btu + 18000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+12+18	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.06	3.13	7.87	3.19	7.68	3.26	7.49	3.32	7.30	3.39
		-5	-7	9.07	3.26	8.86	3.33	8.64	3.40	8.42	3.47	8.21	3.54
		0	-2	10.46	3.44	10.21	3.51	9.96	3.58	9.71	3.58	9.46	3.58
		5	3	11.78	3.44	11.50	3.51	11.22	3.58	10.94	3.58	10.66	3.58
		7	6	12.60	3.44	12.30	3.51	12.00	3.58	11.70	3.58	11.40	3.58
		10	8	13.10	3.44	12.79	3.51	12.48	3.58	12.17	3.58	11.86	3.58
		15	10	13.04	3.20	12.73	3.26	12.42	3.33	12.11	3.34	11.80	3.34
		20	15	11.09	2.21	10.82	2.30	10.56	2.30	10.30	2.30	10.03	2.30

* : The pattern including " AR*G09L + AR*G09L + AR*G12L + AS*G18L " can not be connected.

● Indoor unit : 9000Btu + 9000Btu + 14000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+9+14+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.00	3.13	7.81	3.19	7.62	3.26	7.43	3.32	7.24	3.39
		-5	-7	9.00	3.26	8.78	3.33	8.57	3.40	8.35	3.47	8.14	3.54
		0	-2	10.37	3.44	10.12	3.51	9.88	3.58	9.63	3.58	9.38	3.58
		5	3	11.68	3.44	11.40	3.51	11.13	3.58	10.85	3.58	10.57	3.58
		7	6	12.50	3.44	12.20	3.51	11.90	3.58	11.60	3.58	11.31	3.58
		10	8	12.99	3.44	12.69	3.51	12.38	3.58	12.07	3.58	11.76	3.58
		15	10	12.93	3.20	12.62	3.26	12.32	3.33	12.01	3.34	11.70	3.34
		20	15	11.00	2.21	10.73	2.30	10.47	2.30	10.21	2.30	9.95	2.30

● Indoor unit : 9000Btu + 12000Btu + 12000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+12+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.80	3.13	7.61	3.19	7.42	3.26	7.24	3.32	7.05	3.39
		-5	-7	8.77	3.26	8.56	3.33	8.35	3.40	8.14	3.47	7.93	3.54
		0	-2	10.11	3.44	9.87	3.51	9.63	3.58	9.39	3.58	9.15	3.58
		5	3	11.39	3.44	11.12	3.51	10.85	3.58	10.57	3.58	10.30	3.58
		7	6	12.18	3.44	11.89	3.51	11.60	3.58	11.31	3.58	11.02	3.58
		10	8	12.67	3.44	12.37	3.51	12.06	3.58	11.76	3.58	11.46	3.58
		15	10	12.61	3.20	12.31	3.26	12.01	3.33	11.71	3.34	11.41	3.34
		20	15	10.72	2.21	10.46	2.30	10.21	2.30	9.95	2.30	9.70	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

● Indoor unit : 9000Btu + 12000Btu + 12000Btu + 14000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
9+12+12+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.93	3.13	7.74	3.19	7.55	3.26	7.36	3.32	7.17	3.39
		-5	-7	8.92	3.26	8.71	3.33	8.50	3.40	8.28	3.47	8.07	3.54
		0	-2	10.28	3.44	10.04	3.51	9.79	3.58	9.55	3.58	9.30	3.58
		5	3	11.58	3.44	11.31	3.51	11.03	3.58	10.76	3.58	10.48	3.58
		7	6	12.39	3.44	12.10	3.51	11.80	3.58	11.51	3.58	11.21	3.58
		10	8	12.89	3.44	12.58	3.51	12.27	3.58	11.97	3.58	11.66	3.58
		15	10	12.82	3.20	12.52	3.26	12.21	3.33	11.91	3.34	11.60	3.34
		20	15	10.90	2.21	10.64	2.30	10.38	2.30	10.12	2.30	9.86	2.30

● Indoor unit : 9000Btu + 12000Btu + 14000Btu + 14000Btu

				Indoor temperature									
				16°CDB		18°CDB		20°CDB		22°CDB		24°CDB	
9+12+14+14	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	8.00	3.13	7.81	3.19	7.62	3.26	7.43	3.32	7.24	3.39
		-5	-7	9.00	3.26	8.78	3.33	8.57	3.40	8.35	3.47	8.14	3.54
		0	-2	10.37	3.44	10.12	3.51	9.88	3.58	9.63	3.58	9.38	3.58
		5	3	11.68	3.44	11.40	3.51	11.13	3.58	10.85	3.58	10.57	3.58
		7	6	12.50	3.44	12.20	3.51	11.90	3.58	11.60	3.58	11.31	3.58
		10	8	12.99	3.44	12.69	3.51	12.38	3.58	12.07	3.58	11.76	3.58
		15	10	12.93	3.20	12.62	3.26	12.32	3.33	12.01	3.34	11.70	3.34
		20	15	11.00	2.21	10.73	2.30	10.47	2.30	10.21	2.30	9.95	2.30

● Indoor unit : 12000Btu + 12000Btu + 12000Btu + 12000Btu

			Indoor temperature										
			16°CDB		18°CDB		20°CDB		22°CDB		24°CDB		
12+12+12+12	Outdoor temperature	(°CDB)	(°CWB)	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		-10	-11	7.80	3.13	7.61	3.19	7.42	3.26	7.24	3.32	7.05	3.39
		-5	-7	8.77	3.26	8.56	3.33	8.35	3.40	8.14	3.47	7.93	3.54
		0	-2	10.11	3.44	9.87	3.51	9.63	3.58	9.39	3.58	9.15	3.58
		5	3	11.39	3.44	11.12	3.51	10.85	3.58	10.57	3.58	10.30	3.58
		7	6	12.18	3.44	11.89	3.51	11.60	3.58	11.31	3.58	11.02	3.58
		10	8	12.67	3.44	12.37	3.51	12.06	3.58	11.76	3.58	11.46	3.58
		15	10	12.61	3.20	12.31	3.26	12.01	3.33	11.71	3.34	11.41	3.34
		20	15	10.72	2.21	10.46	2.30	10.21	2.30	9.95	2.30	9.70	2.30

TC : Total Capacity (kW)
IP : Input Power (kW)

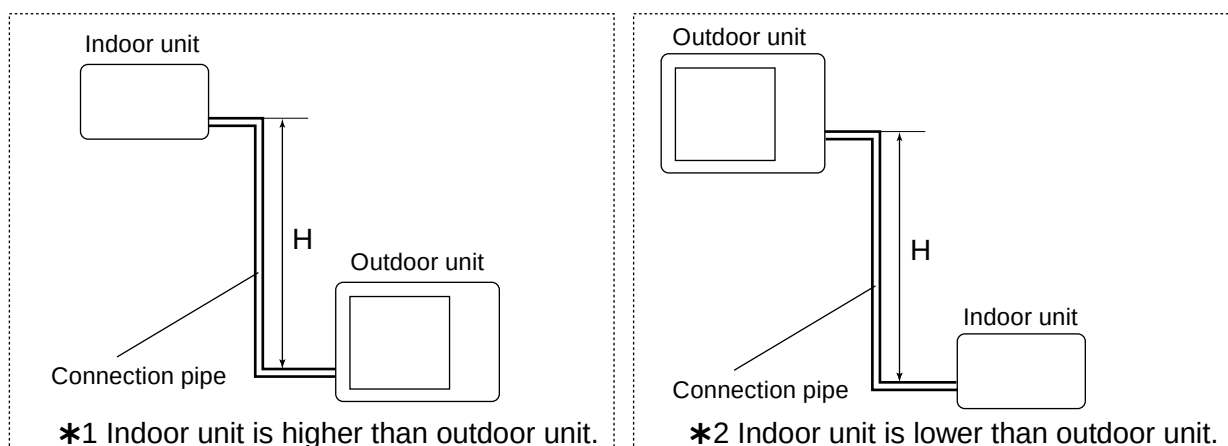
6. CAPACITY COMPENSATION RATE FOR PIPE LENGTH AND HEIGHT DEFFERENCE

■ INDOOR UNIT : 7000Btu (AO*G30L4)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.955	0.941	0.927
		10	-	-	0.976	0.962	0.949	0.935
		7.5	-	0.988	0.980	0.966	0.952	0.939
		5	0.992	0.992	0.984	0.970	0.956	0.942
		0	1.000	1.000	0.992	0.978	0.964	0.950
	*2 Indoor unit is lower than outdoor unit	-5	1.000	1.000	0.992	0.978	0.964	0.950
		-7.5	-	1.000	0.992	0.978	0.964	0.950
		-10	-	-	0.992	0.978	0.964	0.950
		-15	-	-	-	0.978	0.964	0.950

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.976	0.957	0.938
		10	-	-	0.991	0.976	0.957	0.938
		7.5	-	1.000	0.991	0.976	0.957	0.938
		5	1.000	1.000	0.991	0.976	0.957	0.938
		0	1.000	1.000	0.991	0.976	0.957	0.938
	*2 Indoor unit is lower than outdoor unit	-5	0.995	0.995	0.986	0.971	0.952	0.933
		-7.5	-	0.993	0.984	0.969	0.950	0.931
		-10	-	-	0.981	0.966	0.947	0.929
		-15	-	-	-	0.961	0.943	0.924

Height difference H

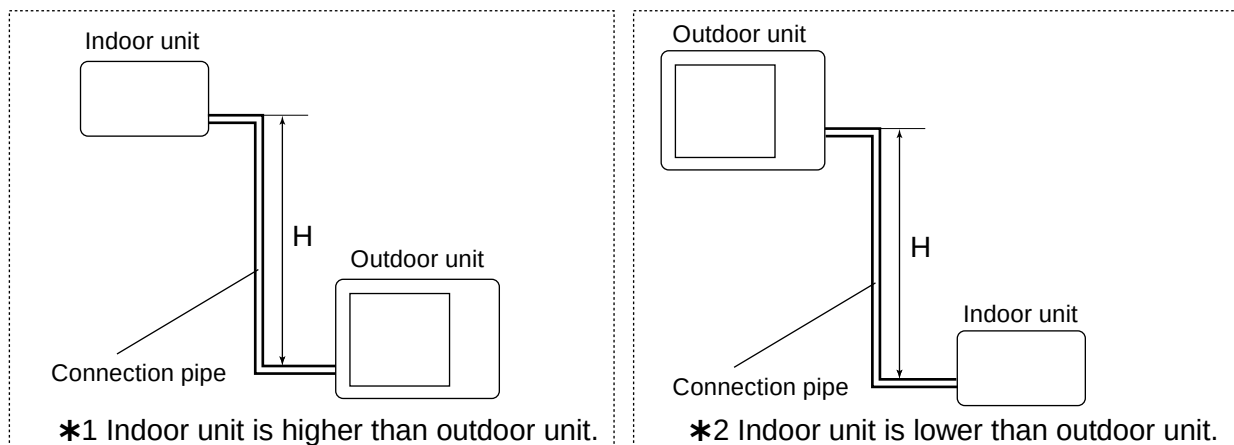


INDOOR UNIT : 9000Btu (AO*G30L4)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.956	0.942	0.928
		10	-	-	0.977	0.963	0.950	0.936
		7.5	-	0.988	0.981	0.967	0.954	0.940
		5	0.992	0.992	0.985	0.971	0.957	0.943
		0	1.000	1.000	0.993	0.979	0.965	0.951
	*2 Indoor unit is lower than outdoor unit	-5	1.000	1.000	0.993	0.979	0.965	0.951
		-7.5	-	1.000	0.993	0.979	0.965	0.951
		-10	-	-	0.993	0.979	0.965	0.951
		-15	-	-	-	0.979	0.965	0.951

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.977	0.958	0.939
		10	-	-	0.993	0.977	0.958	0.939
		7.5	-	1.000	0.993	0.977	0.958	0.939
		5	1.000	1.000	0.993	0.977	0.958	0.939
		0	1.000	1.000	0.993	0.977	0.958	0.939
	*2 Indoor unit is lower than outdoor unit	-5	0.995	0.995	0.988	0.972	0.954	0.934
		-7.5	-	0.993	0.986	0.970	0.952	0.932
		-10	-	-	0.983	0.967	0.949	0.930
		-15	-	-	-	0.962	0.944	0.925

Height difference H

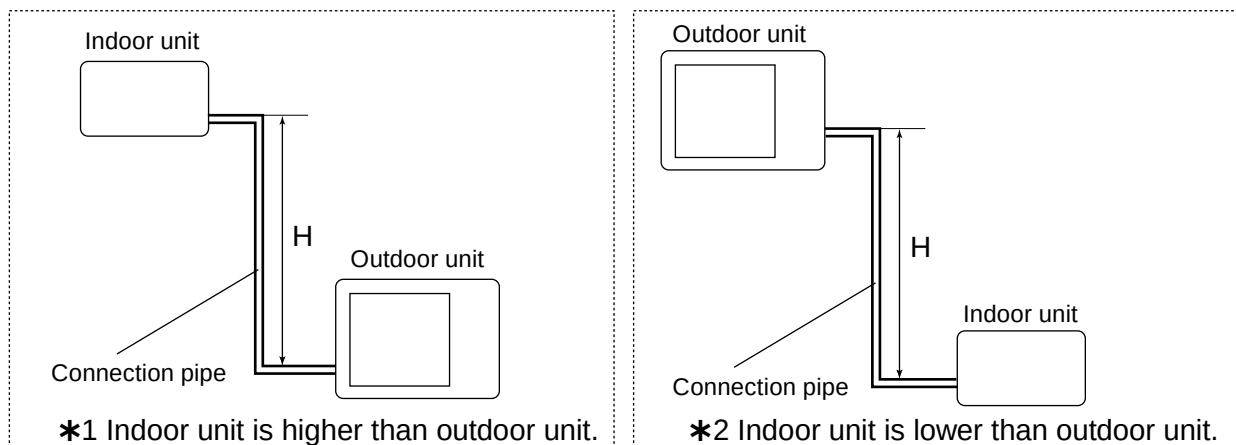


■ INDOOR UNIT : 12000Btu (AO*G30L4)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.937	0.912	0.888
		10	-	-	0.970	0.944	0.919	0.896
		7.5	-	0.988	0.974	0.948	0.923	0.899
		5	0.992	0.992	0.978	0.952	0.927	0.903
		0	1.000	1.000	0.986	0.960	0.934	0.910
	*2 Indoor unit is lower than outdoor unit	-5	1.000	1.000	0.986	0.960	0.934	0.910
		-7.5	-	1.000	0.986	0.960	0.934	0.910
		-10	-	-	0.986	0.960	0.934	0.910
		-15	-	-	-	0.960	0.934	0.910

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.977	0.958	0.938
		10	-	-	0.993	0.977	0.958	0.938
		7.5	-	1.000	0.993	0.977	0.958	0.938
		5	1.000	1.000	0.993	0.977	0.958	0.938
		0	1.000	1.000	0.993	0.977	0.958	0.938
	*2 Indoor unit is lower than outdoor unit	-5	0.995	0.995	0.988	0.972	0.953	0.933
		-7.5	-	0.993	0.986	0.970	0.952	0.932
		-10	-	-	0.983	0.967	0.949	0.929
		-15	-	-	-	0.962	0.944	0.924

Height difference H

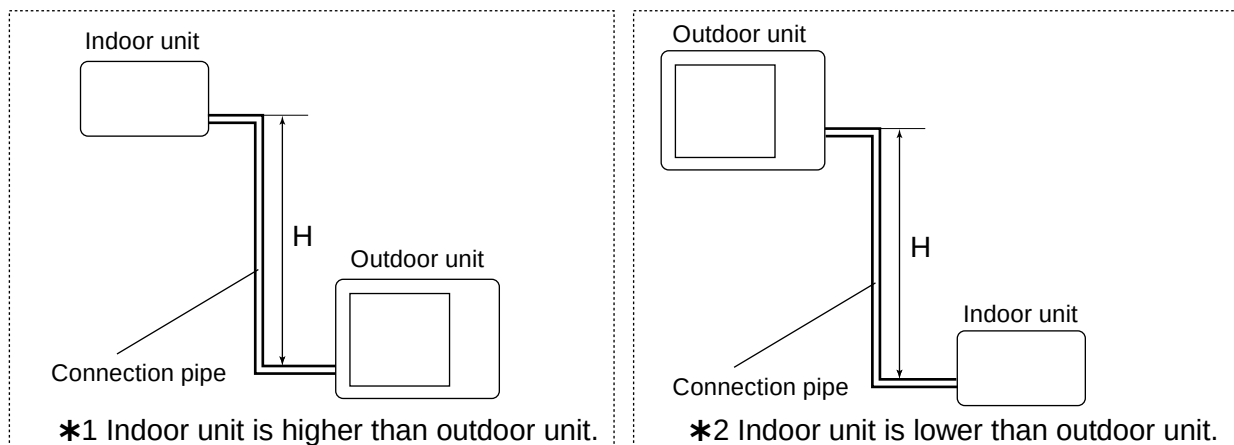


INDOOR UNIT : 14000Btu (AO*G30L4)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.955	0.937	0.922
		10	-	-	0.974	0.962	0.945	0.930
		7.5	-	0.988	0.978	0.966	0.948	0.934
		5	0.992	0.992	0.982	0.970	0.952	0.937
		0	1.000	1.000	0.990	0.978	0.960	0.945
	*2 Indoor unit is lower than outdoor unit	-5	1.000	1.000	0.990	0.978	0.960	0.945
		-7.5	-	1.000	0.990	0.978	0.960	0.945
		-10	-	-	0.990	0.978	0.960	0.945
		-15	-	-	-	0.978	0.960	0.945

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.972	0.945	0.919
		10	-	-	0.992	0.972	0.945	0.919
		7.5	-	1.000	0.992	0.972	0.945	0.919
		5	1.000	1.000	0.992	0.972	0.945	0.919
		0	1.000	1.000	0.992	0.972	0.945	0.919
	*2 Indoor unit is lower than outdoor unit	-5	0.995	0.995	0.987	0.967	0.940	0.914
		-7.5	-	0.993	0.985	0.965	0.938	0.912
		-10	-	-	0.982	0.962	0.935	0.910
		-15	-	-	-	0.957	0.930	0.905

Height difference H

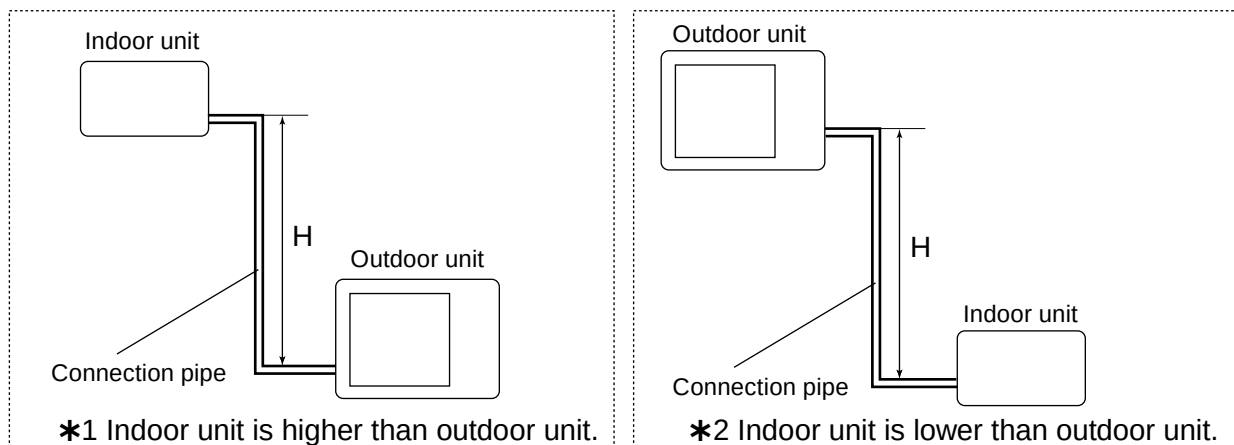


INDOOR UNIT : 18000Btu (AO*G30L4)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.968	0.961	0.954
		10	-	-	0.982	0.976	0.969	0.962
		7.5	-	0.988	0.986	0.980	0.973	0.966
		5	0.992	0.992	0.990	0.984	0.977	0.970
		0	1.000	1.000	0.998	0.992	0.985	0.978
	*2 Indoor unit is lower than outdoor unit	-5	1.000	1.000	0.998	0.992	0.985	0.978
		-7.5	-	1.000	0.998	0.992	0.985	0.978
		-10	-	-	0.998	0.992	0.985	0.978
		-15	-	-	-	0.992	0.985	0.978

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.967	0.943	0.917
		10	-	-	0.990	0.967	0.943	0.917
		7.5	-	1.000	0.990	0.967	0.943	0.917
		5	1.000	1.000	0.990	0.967	0.943	0.917
		0	1.000	1.000	0.990	0.967	0.943	0.917
	*2 Indoor unit is lower than outdoor unit	-5	0.995	0.995	0.985	0.962	0.938	0.912
		-7.5	-	0.993	0.983	0.960	0.936	0.910
		-10	-	-	0.980	0.958	0.933	0.908
		-15	-	-	-	0.953	0.929	0.903

Height difference H

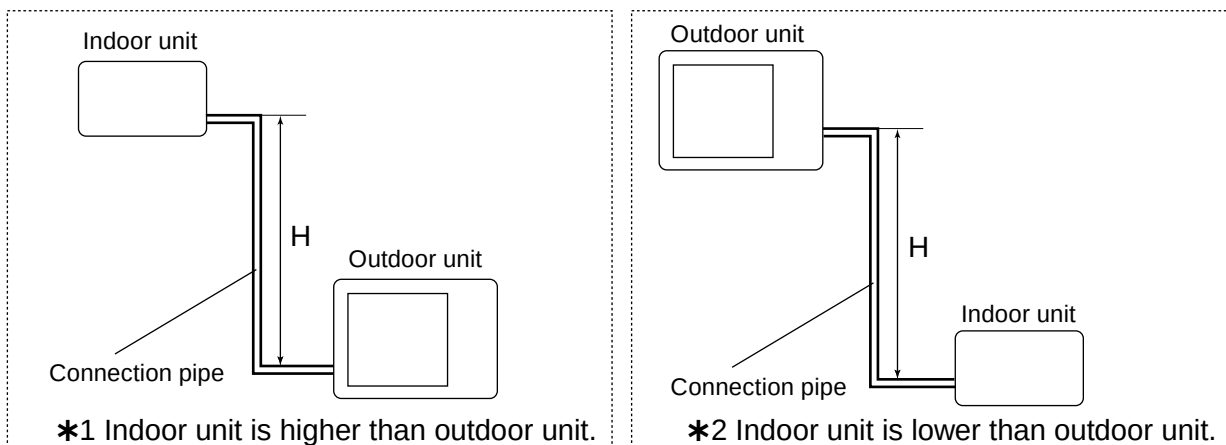


INDOOR UNIT : 24000Btu (AO*G30L4)

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.978	0.969	0.953
		10	-	-	0.986	0.986	0.977	0.961
		7.5	-	0.988	0.990	0.990	0.981	0.965
		5	0.992	0.992	0.994	0.994	0.984	0.968
		0	1.000	1.000	1.002	1.002	0.992	0.976
	*2 Indoor unit is lower than outdoor unit	-5	1.000	1.000	1.002	1.002	0.992	0.976
		-7.5	-	1.000	1.002	1.002	0.992	0.976
		-10	-	-	1.002	1.002	0.992	0.976
		-15	-	-	-	1.002	0.992	0.976

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	15	-	-	-	0.964	0.939	0.913
		10	-	-	0.988	0.964	0.939	0.913
		7.5	-	1.000	0.988	0.964	0.939	0.913
		5	1.000	1.000	0.988	0.964	0.939	0.913
		0	1.000	1.000	0.988	0.964	0.939	0.913
	*2 Indoor unit is lower than outdoor unit	-5	0.995	0.995	0.983	0.959	0.934	0.909
		-7.5	-	0.993	0.981	0.957	0.932	0.907
		-10	-	-	0.978	0.954	0.929	0.904
		-15	-	-	-	0.949	0.925	0.899

Height difference H



7. ADDITIONAL CHARGE CALCULATION

■ MODEL: AO*G30L4

Refrigerant type		R410A
Refrigerant amount	g	3300

● Refrigerant charge

Total pipe length	m	50 or less	60	70 (MAX.)	25g/m
Additional charge	g	0	250	500	

8. AIR FLOW

■ MODEL: AO*G30L4

● Cooling

Number of rotations (r.p.m.)	Air flow	
	m ³ /h	3500
	l/s	972
	CFM	2060

● Heating

Number of rotations (r.p.m.)	Air flow	
	m ³ /h	3300
	l/s	917
	CFM	1942

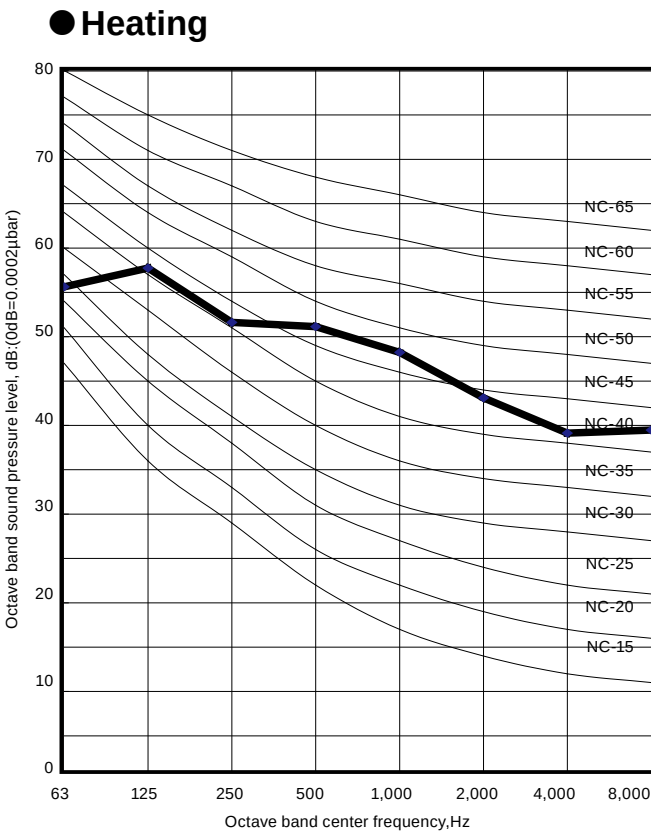
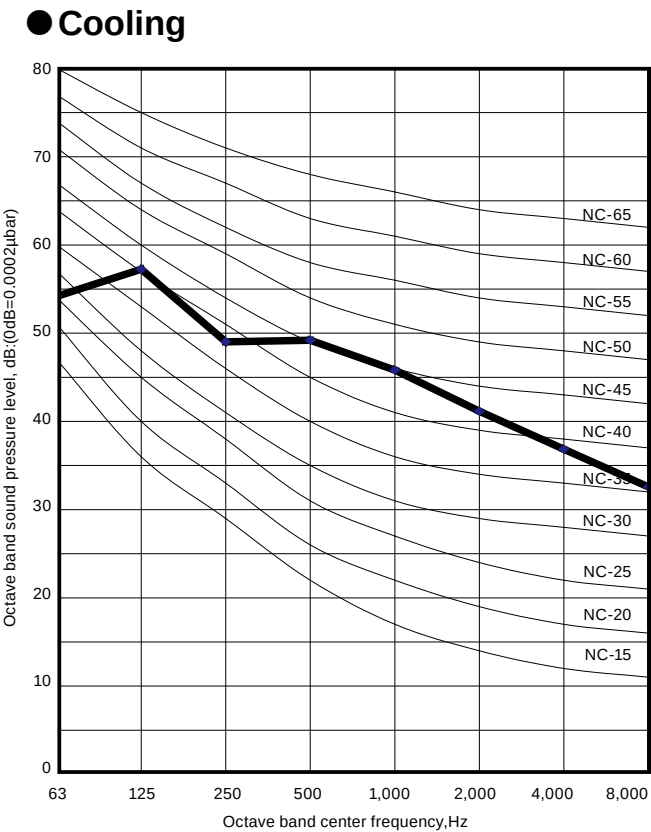
OUTDOOR UNIT
AO*G30L4

OUTDOOR UNIT
AO*G30L4

9. OPERATION NOISE (SOUND PRESSURE)

9-1. NOISE LEVEL CURVE

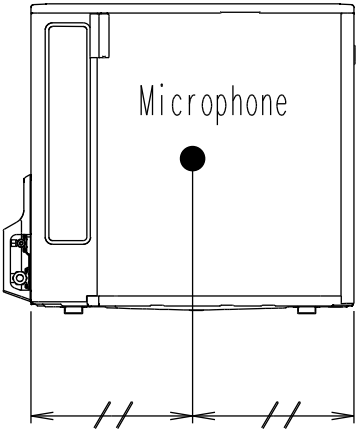
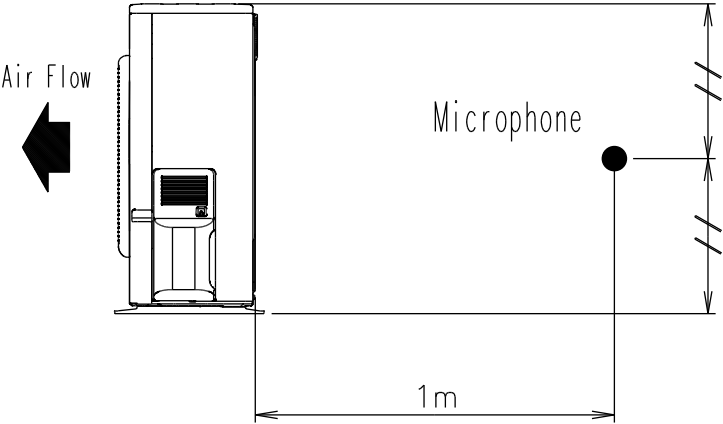
■ MODEL: AO*G30L4



OUTDOOR UNIT
AO*G30L4

OUTDOOR UNIT
AO*G30L4

9-2. SOUND LEVEL CHECK POINT



OUTDOOR UNIT
AO*G30L4

OUTDOOR UNIT
AO*G30L4

10. ELECTRIC CHARACTERISTICS

Model name			AO*G30L4
Power supply	Voltage	V	230 ~
	Frequency	Hz	50
Max. operating current		A	15.7
Starting current		A	10.5
*1) Wiring spec.	Main fuse (Circuit breaker) current	A	25
	Power cable	mm ²	4.0
	*2) Limited wiring length	m	15

*1) Wiring spec.

Selected sample

(Selected based on Japan Electrotechnical Standard and Codes Committee E0005)

*2) Limited wiring length :

This is the wiring length in case voltage descent is less than 2%.

When the wiring length becomes long, please select the wiring of a more larger diameter.

11. SAFETY DEVICES

	Protection form	Model
		AO*G30L4
Circuit protection	Current fuse (MAIN PCB)	5A 250V
		3.15A 250V
	Current fuse (NEAR THE TERMINAL TO POWER SUPPLY)	25A 250V
	Current fuse (NEAR THE TERMINAL TO INDOOR UNIT)	15A 250V
Fan motor protection	Thermal protector	OFF :130±20°C ON : 100±20°C
Compressor protection	Thermal protector	OFF : 125°C ON : 80°C
High pressure protection	Pressure switch (1)	OFF :4.2±0.10MPa ON : 3.2±0.15MPa

*Pressure switch (2) : For control device

12. INSTALLATION PRECAUTIONS

12-1. OUTDOOR UNIT INSTALLATION PRECAUTIONS

Note: The information listed below are general precautions.
Some models also include items that do not apply.

■ PLACES WHERE USE PROHIBITED

- Places where there is the danger of combustible gas leakage
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated
- Places not affected by heat radiation from other heat sources
- Places where the air is not stagnant
- Places where machinery which generates high frequencies is used
- Ocean beaches and other areas where there is a lot of salt
- Installation in vehicles, ships, and other conveyances
- Factory, etc. where voltage fluctuations are large

■ POINTS TO REMEMBER WHEN INSTALLING

- (1) The set shall be installed at a place which can withstand the weight and vibration of the outdoor unit
- (2) To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space.

*Installation service space is shown on " INSTALLATION PLACE ".

- (3) Be careful when installing the set at the following places.

[Installation precautions]

	Contents	Countermeasures (Reference)
When installed near adjacent houses	Perform installation work so that operating sound does not disturb the neighbors.	(1) Install a soundproof barrier (2) Change the installation site
When there is the possibility of strong wind	(1) If the outdoor unit is exposed to strong wind, capacity may drop, frost may form during heating, and operation may be stopped by high pressure rise. In addition, when a very strong wind blows, the fan may be damaged. (2) When a very strong wind blows, there is the possibility of the outdoor unit being toppled over if held only by foundation bolts	(1) Install with the outlet side Keep a sufficient distance away from a facing wall or fence. (2) Make the outlet direction and wind direction perpendicular. (3) Fasten the outdoor unit using toppling prevention hardware (procured at the site).
When snow accumulates	If the outdoor unit is covered by accumulated snow, it may not be able to operate.	(1) Make the foundation as high as possible. (2) Perform snow prevention work.
When installing the inverter type	It may generate noise in TV sets, stereos and PCs.	(1) The inverter type should be installed at a sufficient distance from these equipments.