Refrigerant
R410A

INDOOR UNIT

1. MULTI TYPE : 3ROOM TYPE

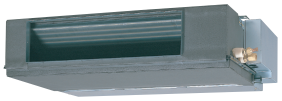
AR＊9LUAB	AB＊14LBAJ
AR＊12LUAD	AB＊18LBAJ
AR＊14LUAD	
AR＊18LUAD	
	AS＊7LMACW
	AS＊9LMACW
AU＊12LBAB	AS＊12LMACW
AU＊14LBAB	AS＊A14LACM
AU＊18LBAB	AS＊A18LACM

D2D_MU007E/02
2009.12.17

MULTI TYPE
3ROOM TYPE

1. FEATURE

1-1. MODELS

INDOOR UNIT		
AU∗12LBAB **AU∗14LBAB** **AU∗18LBAB**	**AR∗9LUAB**	**AR∗12LUAD** **AR∗14LUAD** **AR∗18LUAD**
Cassette Type (Compact)	Duct Type (Small)	Duct Type
		
AB∗14LBAJ **AB∗18LBAJ**	**AS∗7LMACW** **AS∗9LMACW** **AS∗12LMACW**	**AS∗A14LACM** **AS∗A18LACM**
Universal Type	Wall Mounted Type (Compact)	Wall Mounted Type
		
OUTDOOR UNIT		
AO∗A18LAT3 / AO∗A24LAT3		
		

AU∗18L, AR∗18L, AB∗18L, and AS∗A18L cannot connect to AO∗A18L3.

MULTI TYPE
3ROOM TYPE

■INDOOR UNIT CONNECTION PATTERN

MODEL : AO∗A18LAT3

CONNECTION PATTERN	When 3 indoor units are connected(Btu/h)		
	NO.1 Indoor unit	NO.2 Indoor unit	NO.3 Indoor unit
1	7,000	7,000	7,000
2	9,000	7,000	7,000
3	9,000	9,000	7,000
4	9,000	9,000	9,000
5	12,000	7,000	7,000
6	12,000	9,000	7,000
7	12,000	9,000	9,000
8	14,000	7,000	7,000
9	14,000	9,000	7,000

CONNECTION PATTERN	When 2 indoor units are connected(Btu/h)	
	NO.1 Indoor unit	NO.2 Indoor unit
1	7,000	7,000
2	9,000	7,000
3	9,000	9,000
4	12,000	7,000
5	12,000	9,000
6	12,000	12,000
7	14,000	7,000
8	14,000	9,000
9	14,000	12,000

MODEL : AO∗A24LAT3

CONNECTION PATTERN	When 3 indoor units are connected(Btu/h)		
	NO.1 Indoor unit	NO.2 Indoor unit	NO.3 Indoor unit
1	7,000	7,000	7,000
2	9,000	7,000	7,000
3	9,000	9,000	7,000
4	9,000	9,000	9,000
5	12,000	7,000	7,000
6	12,000	9,000	7,000
7	12,000	9,000	9,000
8	12,000	12,000	7,000
9	12,000	12,000	9,000
10	12,000	12,000	12,000
11	14,000	7,000	7,000
12	14,000	9,000	7,000
13	14,000	9,000	9,000
14	14,000	12,000	7,000
15	14,000	12,000	9,000
16	18,000	7,000	7,000
17	18,000	9,000	7,000
18	18,000	9,000	9,000

CONNECTION PATTERN	When 2 indoor units are connected(Btu/h)	
	NO.1 Indoor unit	NO.2 Indoor unit
1	7,000	7,000
2	9,000	7,000
3	9,000	9,000
4	12,000	7,000
5	12,000	9,000
6	12,000	12,000
7	14,000	7,000
9	14,000	9,000
10	14,000	12,000
11	18,000	7,000
12	18,000	9,000
13	18,000	12,000

MULTI TYPE
3ROOM TYPE

1-2. FEATURE

1-2-1. INDOOR UNIT

■MODELS : AS∗7L, AS∗9L, AS∗12L, AS∗A14L, AS∗A18L

- **Auto restart**

  When the air conditioner power was temporarily turned off by a power failure etc. It restarts automatically after the power recovers. (Operated by setting before the power failure.)

- **Remote control unit signal code setting**

  The Remote control unit signal code can be changed by four patterns.

■MODELS : AR∗9L, AR∗12L, AR∗14L, AR∗18L

- **Auto restart**

  When the air conditioner power was temporarily turned off by a power failure etc. It restarts automatically after the power recovers. (Operated by setting before the power failure.)

- **High static pressure function setting**

  In case of installing in high static, you can maximize(minimize) air flow and noise.

- **Fresh air output**

  You can control sub fan by synchronization with fan operation of indoor unit.

■MODELS : AU∗12L, AU∗14L, AU∗18L

- **Auto restart**

  When the air conditioner power was temporarily turned off by a power failure etc. It restarts automatically after the power recovers. (Operated by setting before the power failure.)

- **Remote control unit signal code setting**

  The Remote control unit signal code can be changed by four patterns.

■MODELS : AB∗14L, AB∗18L

- **Auto restart**

  When the air conditioner power was temporarily turned off by a power failure etc. It restarts automatically after the power recovers. (Operated by setting before the power failure.)

- **Remote control unit signal code setting**

  The Remote control unit signal code can be changed by four patterns.

1-2-2. OUTDOOR UNIT

■MODELS : AO∗A18L3, AO∗A24L3

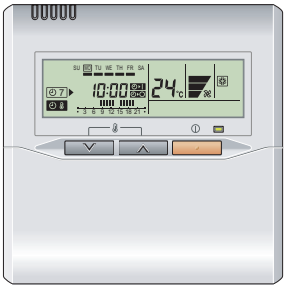
- **Current capacity setting**

  When the current contacted is insufficient, you can change the current capacity.

2. REMOTE CONTROLLER

2-1. WIRED REMOTE CONTROLLER (FOR DUCT TYPE MODEL)

■FEATURES



- ✳ Various timer setup (ON / OFF / WEEKLY) are possible.
- ✳ Equipped with weekly timer as standard function.
  (2 times Start / Stop per day for a week)
- ✳ When setting up a timer, operation mode and a temperature setup can be changed.
- ✳ When a failure occurs,the error code is displayed. (Maximum of 16)
- ✳ Error indication.(A maximum of 16 error histories are memorizable.)
- ✳ Up to 16 indoor units can be simultaneously controlled.
- ✳ Anti freeze and energy saving operation are possible.
- ✳ Easy installation with a slim shape with no bulge in the back.
- ✳ The room temperature can be controlled by being detected the temperature accurately with built-in thermo sensor.

●High performance and compact size

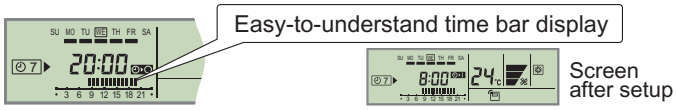
Three functions are combined in

Wired remote controller + Weekly timer + Setback timer

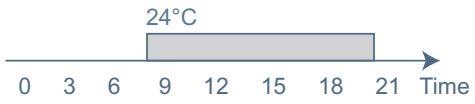
●Built-in timers

Weekly timer

Possible to set ON/OFF time to operate twice each day of the week.

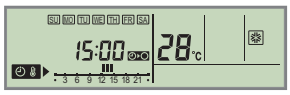


Setup screen example
(Set to Wednesday: 8:00 to 20:00.)

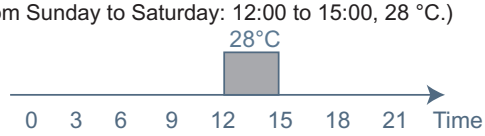


Setback timer

Possible to set temperature for two time spans and for each day of the week.

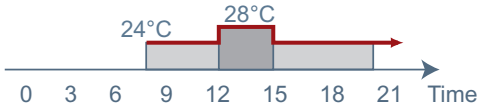


Setup screen example
(Set from Sunday to Saturday: 12:00 to 15:00, 28 °C.)

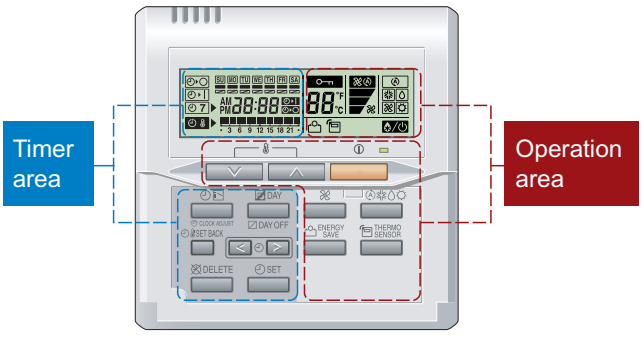


At "Weekly timer" + "Set back timer" setup

24℃ → 28℃ → 24℃



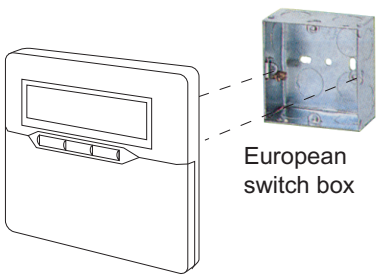
●Easy-to-understand operation

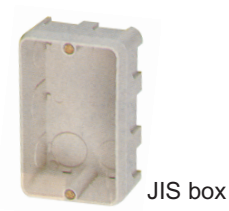


[Variable timer control]
The operation/display sections are zoned according to time and operation, enabling variable programming to match application.

●Simple installation

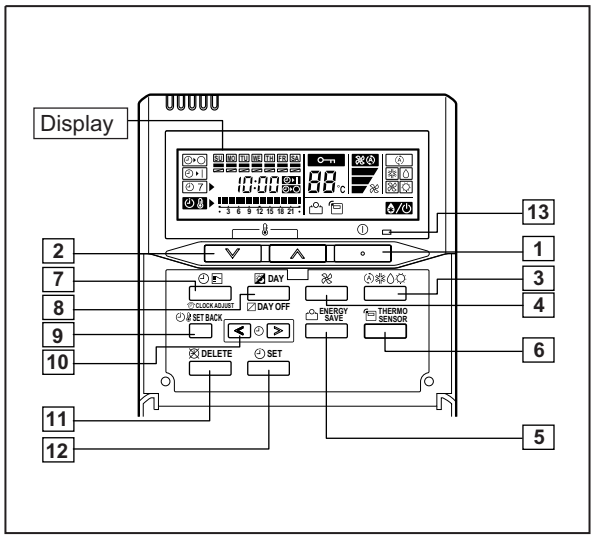
Components are compatible with standard switch boxes. Flat back construction allows equipment to be installed wherever it is needed.



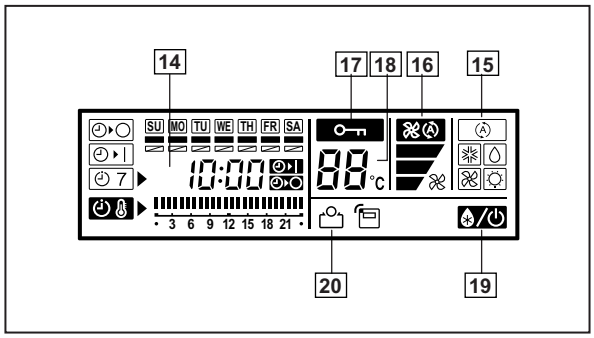


MULTI TYPE
3ROOM TYPE

■FUNCTIONS



Display panel



1 START/STOP button
Pressed to start and stop operation.

2 Set temperature button
Selects the setting temperature.

3 Master control button
Selects the operating mode(AUTO, HEAT, FAN, COOL, DRY).

4 Fan control button
Selects the fan speed (AUTO, LOW, MED, HIGH).

5 Energy save button
Turns the energy efficient mode on and off.

6 Thermo sensor

7 Timer mode (CLOCK ADJUST) button
Selects the timer mode (OFF TIMER, ON TIMER, WEEKLY TIMER)
Set the current time.

8 Day (DAY OFF) button
Temporarily cancels of one day timer.

9 Set back button
Pressed select the set back timer.

10 Set time button
Pressed to set time.

11 Delete button
The schedule of a weekly timer is deleted.

12 Set button
Sets the date, hour, minute and on-off time.

13 Operation lamp
Lights during operation and when the timer is on.

14 Timer and clock display

15 Operation mode display

16 Fan speed display

17 Central control display

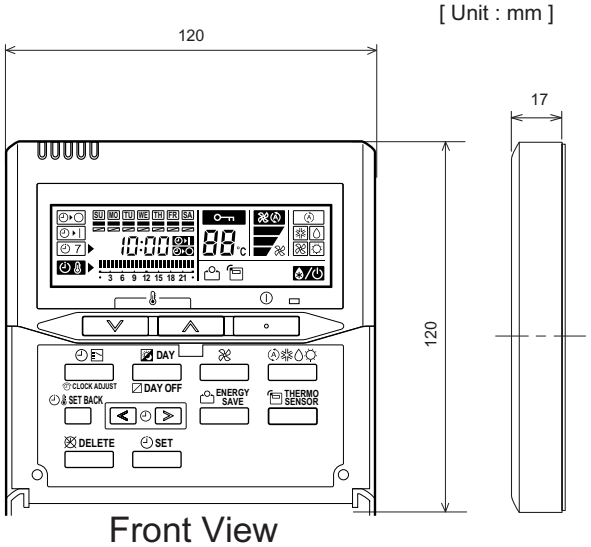
18 Temperature display

19 Stand by display
Indicates during defrosting operation.

20 Energy save display

■DIMENSION

[Unit : mm]



Front View

■SPECIFICATION

SIZE (H x W x D mm)	120 x 120 x 17
WEIGHT (g)	160
CABLE LENGTH (m)	10
POWER (V)	12

MULTI TYPE
3ROOM TYPE

2-2. WIRELESS REMOTE CONTROLLER

2-2-1. CASSETTE, UNIVERSAL AND WALL MOUNTED (AS∗7L, AS∗9L, AS∗12L) TYPE MODEL

■FEATURES

∗ Four kinds of timer setup (ON / OFF / PROGRAM / SLEEP) are possible.

∗ Four kinds of timers. Easy operation.

∗ Easy to change transmission code (4 patterns) by button operation.

●Built-in timers

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

●Program timer

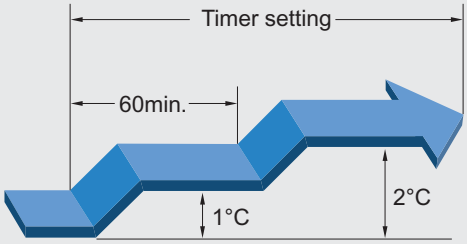
The program timer operates the ON and OFF timer once within a 24 hour period.

●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.

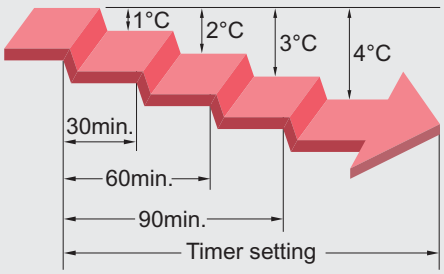
Cooling operation/dry operation

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.

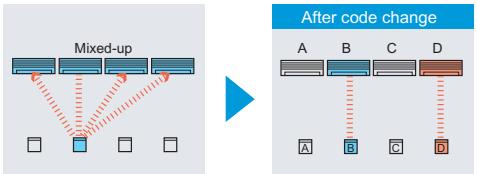


Heating operation

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.



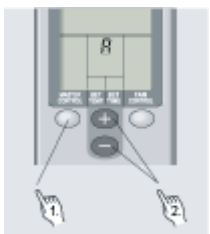
●Easy operation



• Code selector switch eliminates unit being wrongly switched.
(Up to 4 codes can be set.)

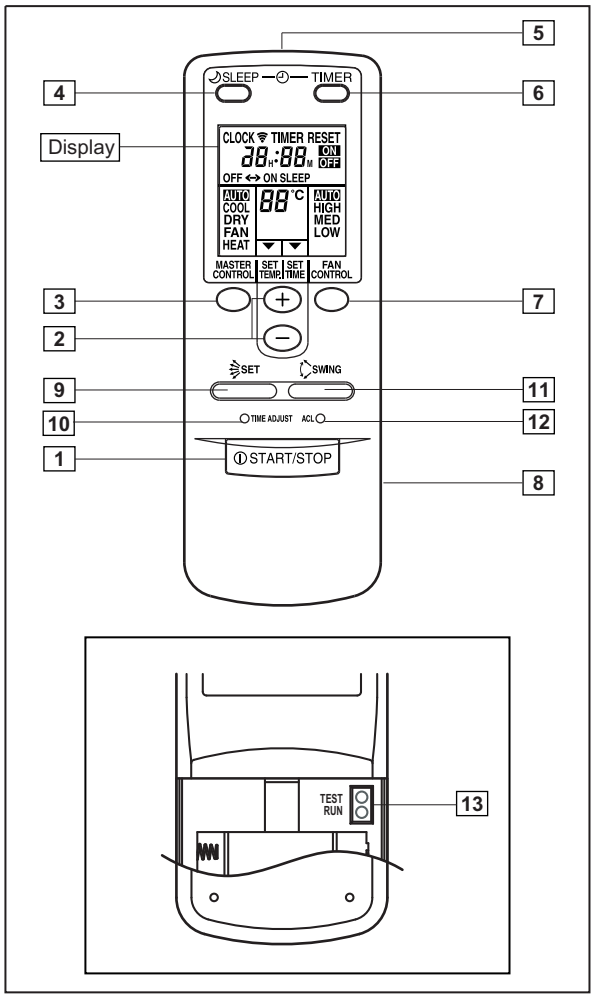
• Wide and precise transmitting range.

1. Press the MASTER CONTROL button for more than five seconds to start the code change.
2. Press the (+) or (-) button to select the desired code.
   → A → B → C → D
3. Press the MASTER CONTROL button again to end the code change.



MULTI TYPE
3ROOM TYPE

■FUNCTIONS (For AU∗12L, AU∗14L, AU∗18L)



1 START/STOP button
Pressed to start and stop operation

2 Set temp./Set time/
Set remote controller custom code buttons
Sets the indoor temp./ Sets the current time and on-off time. /Sets R.C. custom code.

3 Master control / Code change buttons
Selects the operating mode (AUTO, HEAT, FAN, COOL, DRY). /Start / end R.C. custom code change. (Max 4 types)

4 Sleep timer button
Pressed to select sleep timer.

5 Signal transmitter

6 Timer button
Pressed to select the timer mode. (OFF TIMER, ON TIMER, PROGRAM TIMER, TIMER RESET)

7 Fan control button
Selects the fan speed (AUTO, LOW, MED, HIGH).

8 Battery compartment lid

9 Air flow direction set button

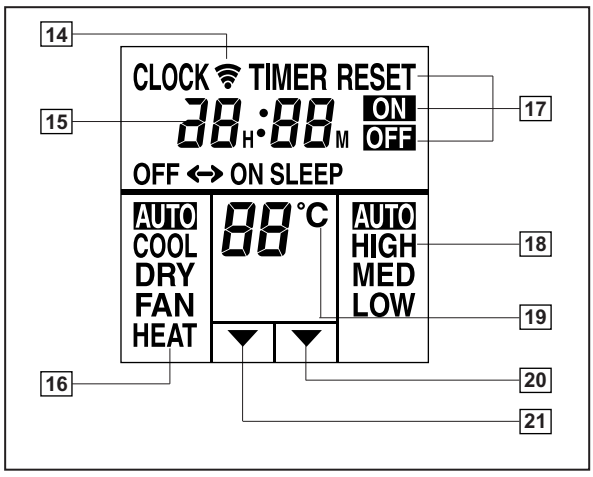
10 Time adjust button
Sets the current time.

11 Air flow direction swing button

12 ACL button
Used when replacing batteries or change the code.

13 Test run button
Used when testing the air conditioner after installation.

Display panel



14 Transmit indicator

15 Clock display

16 Master control display

17 Timer mode display

18 Fan speed display

19 Set temperature display

20 Timer set indicator

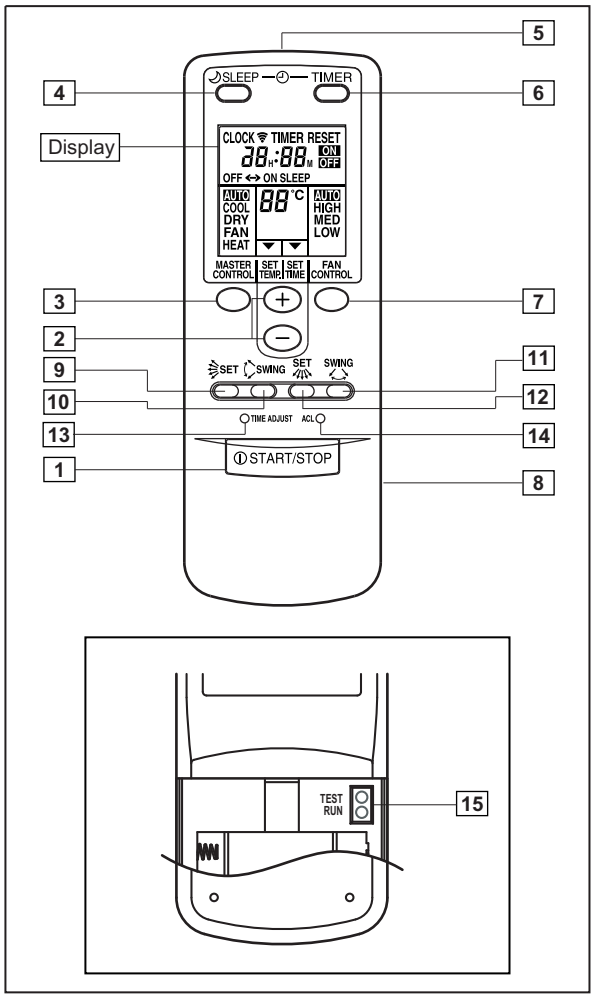
21 Temperature set indicator

■SPECIFICATION

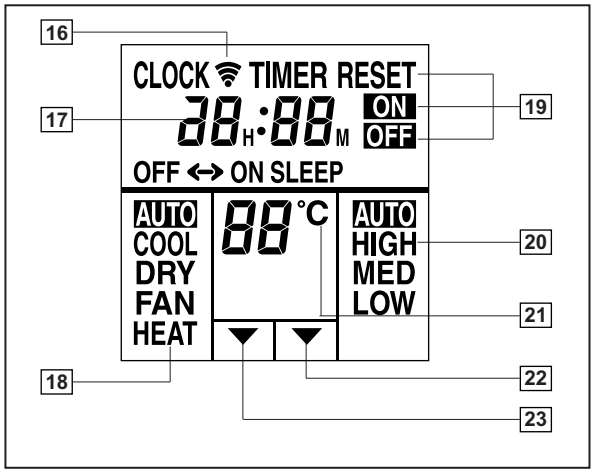
SIZE (H x W x D mm)	158 x 56 x 20
WEIGHT (g)	70
ACCESSORY	Holder

MULTI TYPE
3ROOM TYPE

■FUNCTIONS (For AB∗14L, AB∗18L)



Display panel



1 START/STOP button
Pressed to start and stop operation

2 Set temp./Set time buttons/Set remote controller custom code buttons
Sets the indoor temp./Sets the current time and on-off time /Set R.C. custom code

3 Master control button/Code change
Selects the operating mode (AUTO, HEAT, FAN, COOL, DRY). Start/end R.C. custom code change. (Max. 4 types)

4 Sleep timer button
Pressed to select sleep timer.

5 Signal transmitter

6 Timer button
Pressed to select the timer mode. (OFF TIMER, ON TIMER, PROGRAM TIMER, TIMER RESET)

7 Fan control button
Selects the fan speed (AUTO, LOW, MED, HIGH).

8 Battery compartment lid

9 Air flow direction vertical set button

10 Air flow direction vertical swing button

11 Air flow direction horizontal swing button

12 Air flow direction horizontal set button

13 Time adjust button
Sets the current time.

14 ACL button
Used when replacing batteries or change the code.

15 Test run button
Used when testing the air conditioner after installation.

16 Transmit indicator

17 Clock display

18 Master control display

19 Timer mode display

20 Fan speed display

21 Set temperature display

22 Timer set indicator

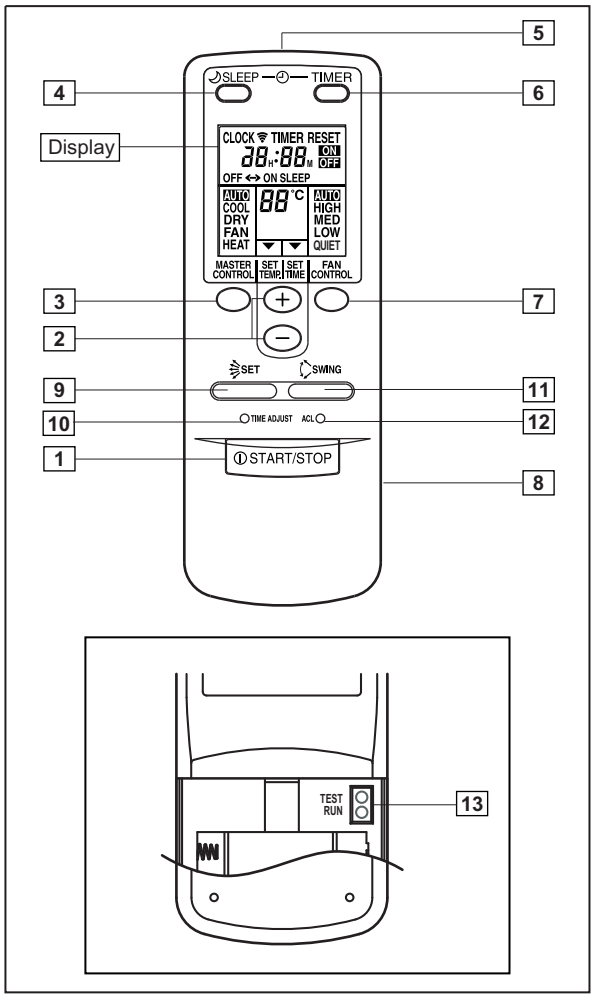
23 Temperature set indicator

■SPECIFICATION

SIZE (H x W x D mm)	158 x 56 x 20
WEIGHT (g)	70
ACCESSORY	Holder

MULTI TYPE
3ROOM TYPE

■FUNCTIONS (For AS∗7L, AS∗9L, AS∗12L)



1 START/STOP button
Pressed to start and stop operation

2 Set temp./Set time/
Set remote controller custom code buttons
Sets the indoor temp./ Sets the current time and on-off time. /Sets R.C. custom code.

3 Master control / Code change buttons
Selects the operating mode (AUTO, HEAT, FAN, COOL, DRY). /Start / end R.C. custom code change. (Max 4 types)

4 Sleep timer button
Pressed to select sleep timer.

5 Signal transmitter

6 Timer button
Pressed to select the timer mode. (OFF TIMER, ON TIMER, PROGRAM TIMER, TIMER RESET)

7 Fan control button
Selects the fan speed (AUTO, QUIET, LOW, MED, HIGH).

8 Battery compartment lid

9 Air flow direction set button

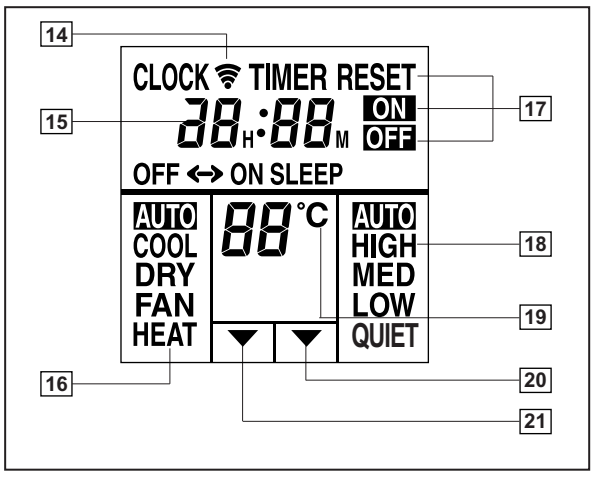
10 Time adjust button
Sets the current time.

11 Air flow direction swing button

12 ACL button
Used when replacing batteries or change the code.

13 Test run button
Used when testing the air conditioner after installation.

Display panel



14 Transmit indicator

15 Clock display

16 Master control display

17 Timer mode display

18 Fan speed display

19 Set temperature display

20 Timer set indicator

21 Temperature set indicator

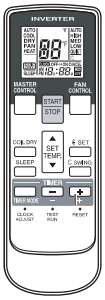
■SPECIFICATION

SIZE (H x W x D mm)	158 x 56 x 20
WEIGHT (g)	70
ACCESSORY	Holder

MULTI TYPE
3ROOM TYPE

2-2-2. WALL MOUNTED (AS∗A14L, AS∗A18L) TYPE MODEL

■FEATURES



∗ Four kinds of timer setup (ON / OFF / PROGRAM / SLEEP) are possible.

∗ Four kinds of timers. Easy operation.

∗ Easy to change transmission code (4 patterns) by button operation.

●Built-in timers

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

●Program timer

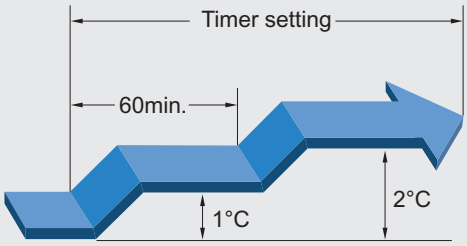
The program timer operates the ON and OFF timer once within a 24 hour period.

●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.

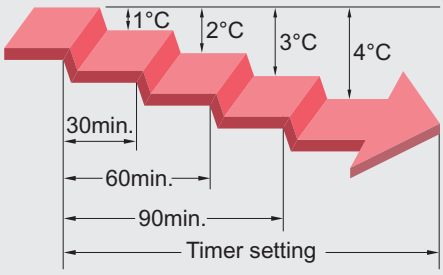
Cooling operation/dry operation

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.

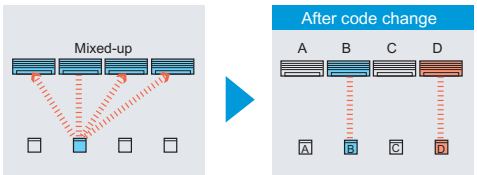


Heating operation

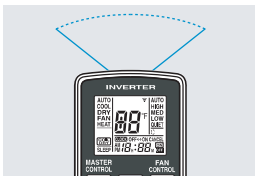
When the sleep timer is set, the set temperature automatically drops 1°C every 30 minutes. The set temperature can drop to a maximum of 4°C.



●Easy operation

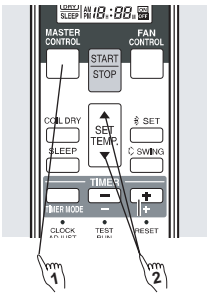


• Code selector switch eliminates unit being wrongly switched.
(Up to 4 codes can be set.)



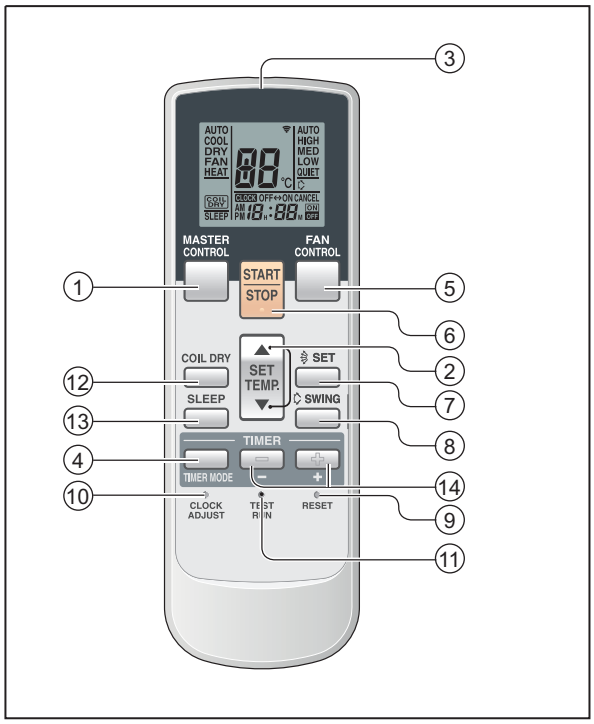
• Wide and precise transmitting range.

1. Press the MASTER CONTROL button for more than five seconds to start the code change.
2. Press the (▲) or (▼) button to select the desired code.
   → A → B → C → D
3. Press the MASTER CONTROL button again to end the code change.



MULTI TYPE
3ROOM TYPE

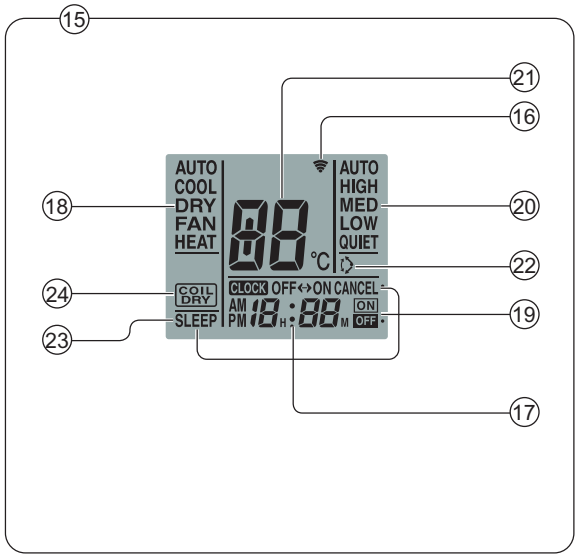
■FUNCTIONS (For AS∗A14L, AS∗A18L)



① MASTER CONTROL button
② SET TEMP. buttons(▲/▼)
③ Signal Transmitter
④ TIMER MODE button
⑤ FAN CONTROL button
⑥ START/STOP button
⑦ AIR FLOW DIRECTION SET button
⑧ AIR FLOW DIRECTION SWING button
⑨ RESET button
⑩ CLOCK ADJUST button
⑪ TEST RUN button

- Perform a test run only when installing the air conditioner .If the signal to perform a test run is received during normal operation, the air conditioner's thermostat will malfunction.
- If the signal to perform a test run is received during normal operation, the unit will switch to the test operation mode and the indoor unit's OPERATION and TIMER indicator lamps will flash simultaneously.
- To stop the test operation mode, press the START/STOP button to stop the air conditioner.

Display panel



⑫ COIL DRY button
⑬ SLEEP button
⑭ SET TIME button(+/-)

⑮ Remote Control Unit Display
⑯ Transmit Indicator
⑰ Clock Display
⑱ Operating Mode Display
⑲ Timer Mode Display
⑳ Fan Speed Display
㉑ Temperature Set Display
㉒ SWING Display
㉓ SLEEP Display
㉔ COIL DRY Display

■SPECIFICATION

SIZE (H×W×D mm)	170 × 56 × 18
WEIGHT (g)	85
ACCESSORY	Holder

MULTI TYPE
3ROOM TYPE

3. SPECIFICATIONS

3-1. DUCTED MODEL

TYPE					MULTI SATTELITE SYSTEM MODEL			
					INVERTER HEATPUMP			
Model name					AR＊9LUAB	AR＊12LUAD	AR＊14LUAD	AR＊18LUAD
Power source					230V～ 50Hz			
Available voltage range					198 - 264V～ 50Hz			
Capacity	Cooling	Rated		kW	2.7	3.5	4.2	5.2
				BTU/h	9200	11900	14300	17800
		Min-Max		kW	1.5 - 3.2	1.5 - 3.9	1.5 - 4.8	1.8 - 6.1
				BTU/h	5100 - 10900	5100 - 13300	5100 - 16400	6100 - 20800
	Heating	Rated		kW	3.3	3.8	4.8	6.0
				BTU/h	11300	13000	16400	20500
		Min-Max		kW	1.5 - 4.1	1.5 - 4.8	1.5 - 5.8	1.6 - 7.1
				BTU/h	5100-14000	5100-16400	5100-19800	5500-24200
Moisture removal				l/h (pints/h)	1.0 (2.1)	1.2 (2.5)	1.5 (3.2)	1.7 (3.6)
Fan	Airflow rate	Cooling	High	m^3/h	450	580	780	800
			Med		410	500	620	640
			Low		370	430	480	500
		Heating	High		450	580	780	800
			Med		410	500	620	640
			Low		370	430	480	500
	Type × Q'ty				Sirocco × 1	Sirocco × 2		
	Motor output			W	13	42		
Recommended static pressure				Pa	0 to 40			
Sound pressure level		Cooling	High	dB(A)	39	33	40	41
			Med		37	30	35	35
			Low		34	27	30	30
		Heating	High		39	33	40	41
			Med		37	30	35	35
			Low		34	27	30	30
Heat exchanger type		Dimensions (H × W × D)		mm	294 × 410 × 26.6	294 × 700 × 26.6		294 × 700 × 39.9
		Fin pich			1.3			
		Rows × Stages			2 × 14			3 × 14
		Pipe type			Copper			
		Fin type			Aluminium			
Enclosure		Material			Galvanized steel sheet			
		Colour			-			
Dimensions (H × W × D)	Net			mm	217 × 663 × 595	217 × 953 × 595		
	Gross				324 × 785 × 686	324 × 1075 × 686		
Weight	Net			kg(lb.)	18 (40)	25 (55)		
	Gross				22 (48)	29 (64)		
Connection pipe	Size	Liquid		mm	ϕ6.35 (1/4in.)			
		Gas			ϕ9.52 (3/8in.)		ϕ12.70 (1/2in.)	
	Method				Flare			
Operation range		Cooling		°C	18 to 32			
				%RH	80 or less			
		Heating		°C	16 to 30			
Remote controller type					WIRED			
Drain pipe	Material				ABS			
	Size			mm	Outer diameter 26.0 / Inner diameter 21.5			

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.
Standard static pressure : 0pa
Pipe length : 7.5 m, Height difference : 0 m. (Outdoor unit - Indoor unit)

MULTI TYPE
3ROOM TYPE

3-2. CASSETTE MODEL

TYPE					MULTI SATTELITE SYSTEM MODEL		
					INVERTER HEATPUMP		
Model name					AU＊12LBAB	AU＊14LBAB	AU＊18LBAB
Power source					230V～ 50Hz		
Available voltage range					198 - 264V～ 50Hz		
Capacity	Cooling	Rated		kW	3.5	4.0	4.3
				BTU/h	11900	13700	14700
		Min-Max		kW	1.5 - 3.9	1.5 - 4.7	1.8 - 5.2
				BTU/h	5100 - 13300	5100 - 16000	6100 - 17700
	Heating	Rated		kW	3.8	4.3	5.0
				BTU/h	13000	14700	17100
		Min-Max		kW	1.5 - 4.8	1.5 - 5.5	1.6 - 6.3
				BTU/h	5100 - 16400	5100 - 18800	5500 - 21500
Moisture removal				l/h (pints/h)	1.3 (2.7)	1.5 (3.2)	2.0 (4.2)
Fan	Airflow rate	Cooling	High	m^3/h	550	550	620
			Med		500	500	520
			Low		440	440	450
		Heating	High		550	550	620
			Med		500	500	520
			Low		440	440	450
	Type × Q'ty				Turbo × 1		
	Motor output			W	10	10	14
Sound pressure level		Cooling	High	dB(A)	42	42	44
			Med		39	39	41
			Low		36	36	38
		Heating	High		42	42	44
			Med		39	39	41
			Low		36	36	38
Heat exchanger type		Dimensions (H × W × D)		mm	210 × 1000 × 26.6		
		Fin pich			1.4		
		Rows × Stages			2 × 10		
		Pipe type			Copper		
		Fin type			Aluminium		
Enclosure (Panel)		Material			ABS		
		Colour			White(5Y9/0.5NN)		
Dimensions (H × W × D)	Net	Unit		mm	235 × 580 × 580		
		Panel			35 × 650 × 650		
	Gross	Unit			280 × 710 × 750		
		Panel			70 × 720 × 720		
Weight	Net	Unit		kg(lb.)	18 (40)		
		Panel			2.2 (4.9)		
	Gross	Unit			23 (51)		
		Panel			4.3 (9.6)		
Connection pipe	Size	Liquid		mm	ϕ 6.35 (1/4in.)		
		Gas			ϕ 9.52 (3/8in.)	ϕ 12.70 (1/2in.)	
	Method				Flare		
Operation range		Cooling		°C	18 to 32		
				%RH	80 or less		
		Heating		°C	16 to 30		
Remote controller type					Wireless		
Drain pipe	Material				PP		
	Size			mm	Outer diameter 37.0 / Inner diameter 32.0		

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 : 7.5 m, Height difference : 0 m. (Outdoor unit - Indoor unit)

MULTI TYPE
3ROOM TYPE

3-3. CEILING MODEL

TYPE					MULTI SATTELITE SYSTEM MODEL	
					INVERTER HEATPUMP	
Model name					AB＊14LBAJ	AB＊18LBAJ
Power source					230V～ 50Hz	
Available voltage range					198 - 264V～ 50Hz	
Capacity	Cooling	Rated		kW	4.2	5.2
				BTU/h	14300	17800
		Min-Max		kW	1.5 - 4.8	1.8 - 6.1
				BTU/h	5100 - 16400	6100 - 20800
	Heating	Rated		kW	4.8	6.0
				BTU/h	16400	20500
		Min-Max		kW	1.5 - 5.8	1.6 - 7.1
				BTU/h	5100 - 19800	5500 - 24200
Moisture removal				l/h (pints/h)	1.5 (3.2)	1.7 (3.6)
Fan	Airflow rate	Cooling	High	m^3/h	640	780
			Med		560	650
			Low		480	550
		Heating	High		640	780
			Med		560	650
			Low		480	550
	Type × Q'ty				Sirocco × 2	
	Motor output			W	16	30
Sound pressure level		Cooling	High	dB(A)	37 (Floor console) 36 (Under ceiling)	44 (Floor console) 43 (Under ceiling)
			Med		34 (Floor console) 33 (Under ceiling)	41 (Floor console) 40 (Under ceiling)
			Low		30 (Floor console) 29 (Under ceiling)	36 (Floor console) 35 (Under ceiling)
		Heating	High		37 (Floor console) 36 (Under ceiling)	44 (Floor console) 43 (Under ceiling)
			Med		34 (Floor console) 33 (Under ceiling)	41 (Floor console) 40 (Under ceiling)
			Low		30 (Floor console) 29 (Under ceiling)	36 (Floor console) 35 (Under ceiling)
Heat exchanger type		Dimensions (H × W × D)		mm	294 × 800 × 26.6	294 × 700 × 39.9
		Fin pich			1.2	1.3
		Rows × Stages			2 × 12	3 × 12
		Pipe type			Copper	
		Fin type			Aluminium	
Enclosure		Material			ABS	
		Colour			White (5Y9/0.5NN)	
Dimensions (H × W × D)	Net			mm	199 × 990 × 655	
	Gross				320 × 1150 × 790	
Weight	Net			kg(lb.)	28 (62)	
	Gross				37 (82)	
Connection pipe	Size	Liquid		mm	ϕ6.35 (1/4in.)	
		Gas			ϕ12.70 (1/2in.)	
	Method				Flare	
Operation range		Cooling		°C	18 to 32	
				%RH	80 or less	
		Heating		°C	16 to 30	
Remote controller type					Wireless	
Drain pipe	Material				PVC	
	Size			mm	Outer diameter 29.0 / Inner diameter 25.0	

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 : 7.5 m, Height difference : 0 m. (Outdoor unit - Indoor unit)

MULTI TYPE
3ROOM TYPE

3-4. WALL MOUNTED MODEL

TYPE					MULTI SATTELITE SYSTEM MODEL				
					INVERTER HEATPUMP				
Model name					AS＊7LMACW	AS＊9LMACW	AS＊12LMACW	AS＊A14LACM	AS＊A18LACM
Power source					230V ～ 50Hz				
Available voltage range					198 - 264V ～ 50Hz				
Capacity	Cooling	Rated		kW	2.3	2.7	3.5	4.2	5.0
				BTU/h	7900	9200	11900	14300	17100
		Min-Max		kW	1.5 - 2.7	1.5- 3.2	1.5 - 3.7	1.5 - 4.8	1.8 - 5.6
				BTU/h	5100 - 9200	5100 - 10900	5100 - 12600	5100 - 16400	6100 - 19100
	Heating	Rated		kW	2.7	3.3	3.8	4.8	6.0
				BTU/h	9200	11300	13000	16400	20500
		Min-Max		kW	1.5 - 3.3	1.5 - 4.2	1.5 - 4.8	1.5 - 5.8	1.6 - 7.1
				BTU/h	5100 - 11300	5100 - 14300	5100 - 16400	5100 - 19800	5500 - 24200
Moisture removal				l/h (pints/h)	0.8 (1.7)	1.0 (2.1)	1.2 (2.5)	2.1 (4.6)	2.8 (5.9)
Fan	Airflow rate	Cooling	High	m^3/h	430	470	520	700	660
			Med		400	430	470	580	540
			Low		380	380	420	470	470
			Quiet		350	350	380	360	390
		Heating	High		430	470	520	700	660
			Med		400	430	470	580	540
			Low		380	380	420	470	470
			Quiet		350	350	380	420	390
	Type × Q'ty				Cross flow Fan × 1				
	Motor output			W	17			42	
Sound pressure level		Cooling	High	dB(A)	34	36	38	45	45
			Med		32	34	37	38	38
			Low		31	31	35	33	34
			Quiet		29	29	33	26	28
		Heating	High		34	35	38	45	45
			Med		32	33	35	38	38
			Low		30	30	31	34	34
			Quiet		28	28	29	28	28
Heat exchanger type		Dimensions (H × W × D)		mm	252 × 632 × 26.6			336 × 635 × 26.6	336 × 635 × 26.6 84 × 635 × 13.3
		Fin pich			1.3			1.2	1.2 (2ROW) 1.4 (1ROW)
		Rows × Stages			2 × 12			2 × 16	2 × 16+1 × 4
		Pipe type			Copper tube				
		Fin type			Aluminium				
Enclosure		Material			HIPS				
		Colour			White (5Y9/0.5NN)				
Dimensions (H × W × D)	Net			mm	257 × 808 × 187			275 × 790 × 215	
	Gross				270 × 850 × 310			290 × 835 × 360	
Weight	Net			kg(lb.)	8 (18)			9 (20)	
	Gross				10 (22)			12 (26.4)	
Connection pipe	Size	Liquid		mm	ϕ6.35(1/4in.)				
		Gas			ϕ9.52(3/8in.)			ϕ12.7(1/2in.)	
	Method				FLARE				
Operation range		Cooling		°C	18 to 32				
				%RH	80 or less				
		Heating		°C	16 to 30				
Remote controller type					WIRELESS				
Drain pipe	Material				Soft PVC			PE	
	Size			mm	Outer diameter 17.0 Inner diameter 12.0			Outer diameter 16.7 Inner diameter 14.7	

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 : 7.5 m, Height difference : 0 m. (Outdoor unit - Indoor unit)

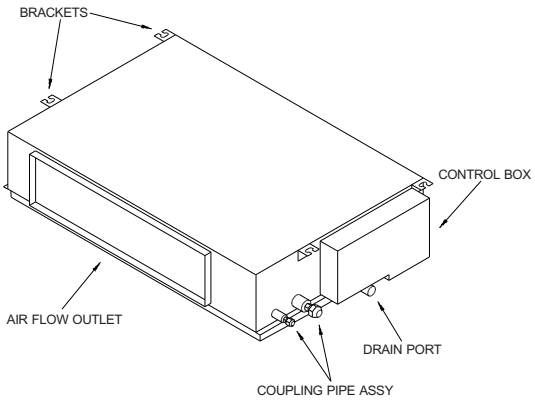
MULTI TYPE
3ROOM TYPE

4. DIMENSIONS

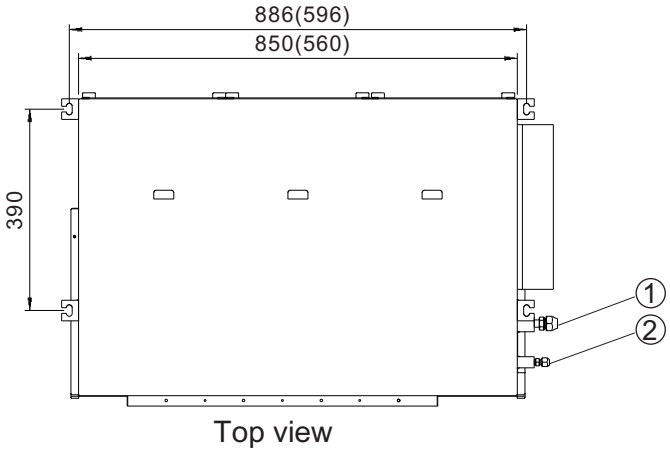
4-1. DUCTED MODEL

■MODELS : AR∗9L, AR∗12L, AR∗14L, AR∗18L

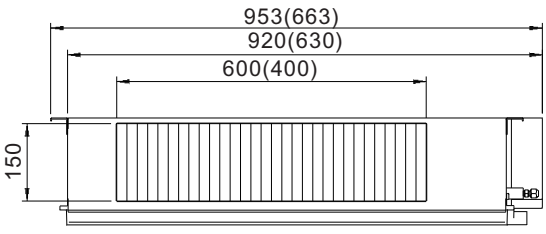
(Unit : mm)



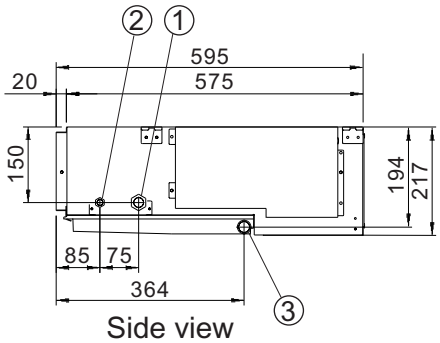
( ) : AR∗9L



Top view



Front view



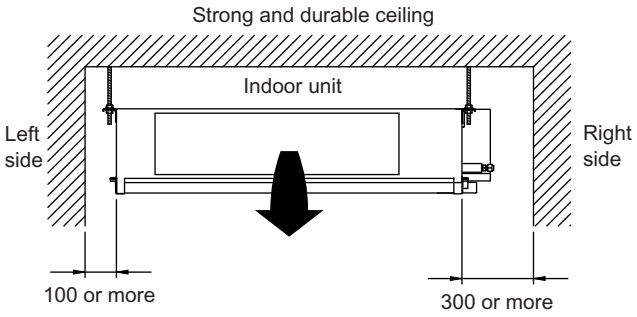
Side view

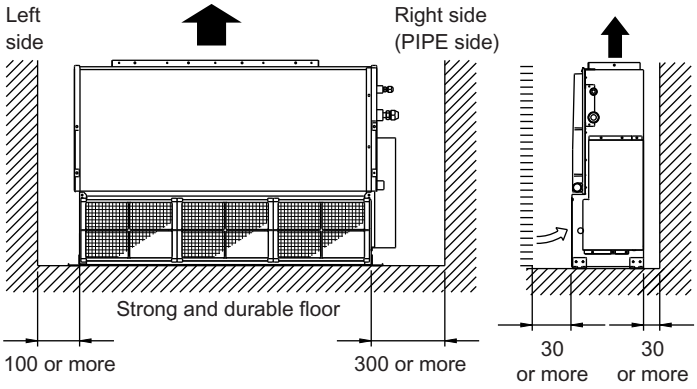
① Refrigerant piping flare connection (Gas)
② Refrigerant piping flare connection (Liquid)
③ Drain piping connection

MULTI TYPE
3ROOM TYPE

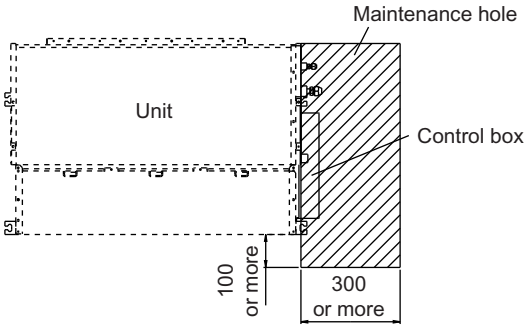
■MOUNTING POSITION

(Unit : mm)





■MAINTENANCE HOLE

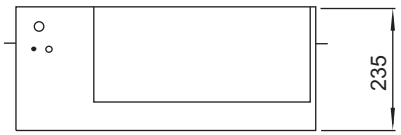


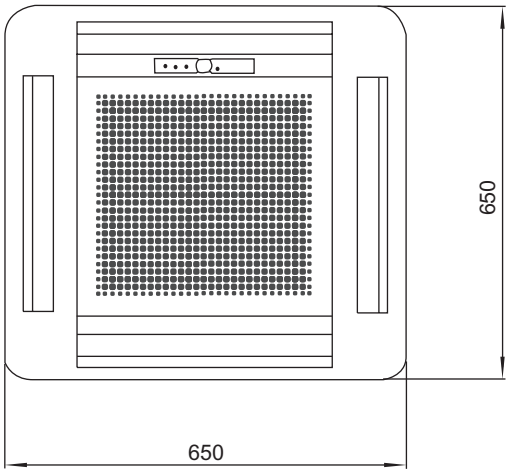
MULTI TYPE
3ROOM TYPE

4-2. CASSETTE MODEL

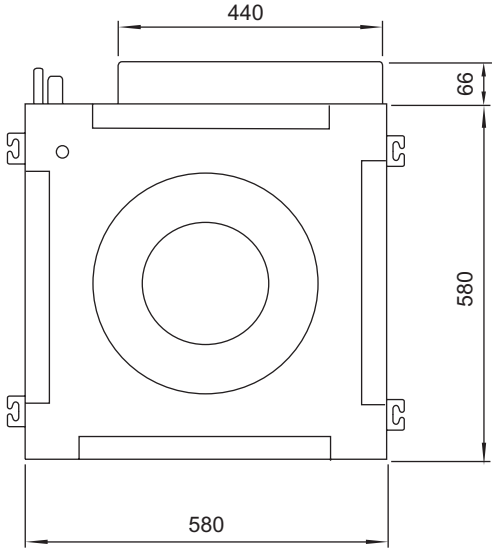
■MODELS : AU∗12L, AU∗14L, AU∗18L

(Unit : mm)



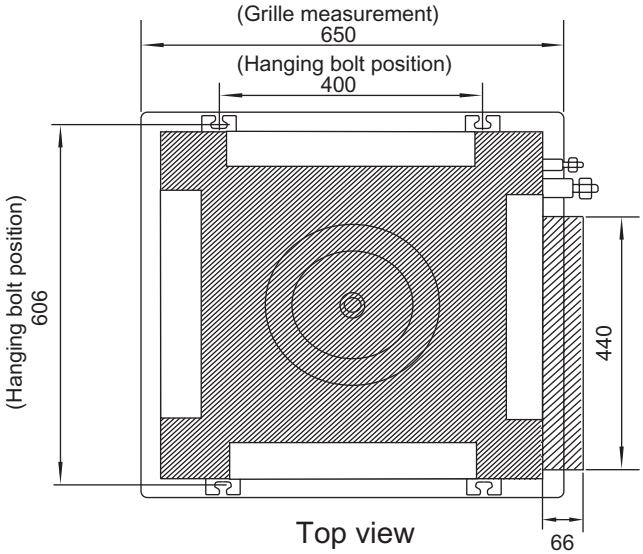


Bottom view (Panel)

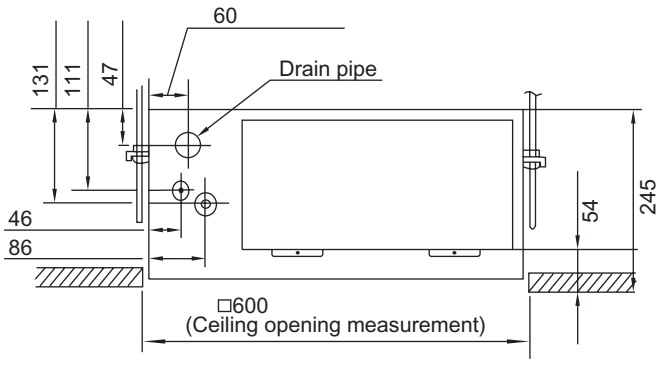


Bottom view

Side view



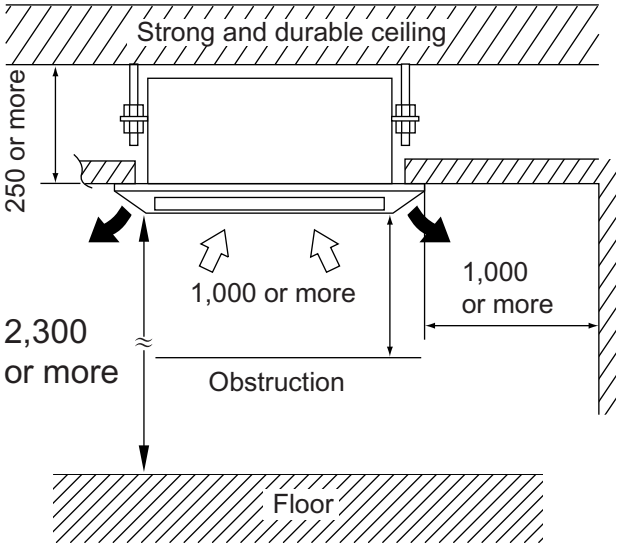
Top view

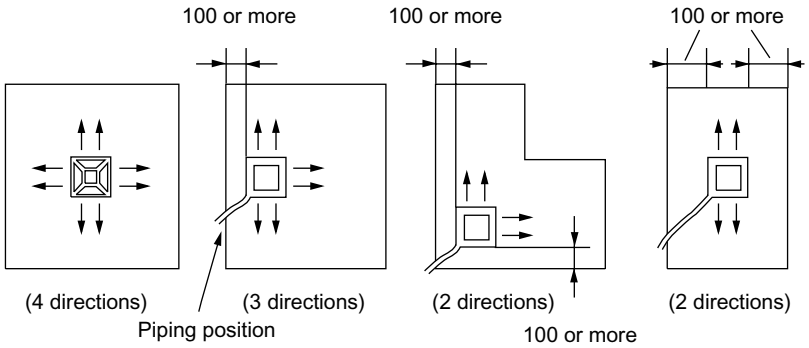


MULTI TYPE
3ROOM TYPE

■MOUNTING POSITION

(Unit : mm)



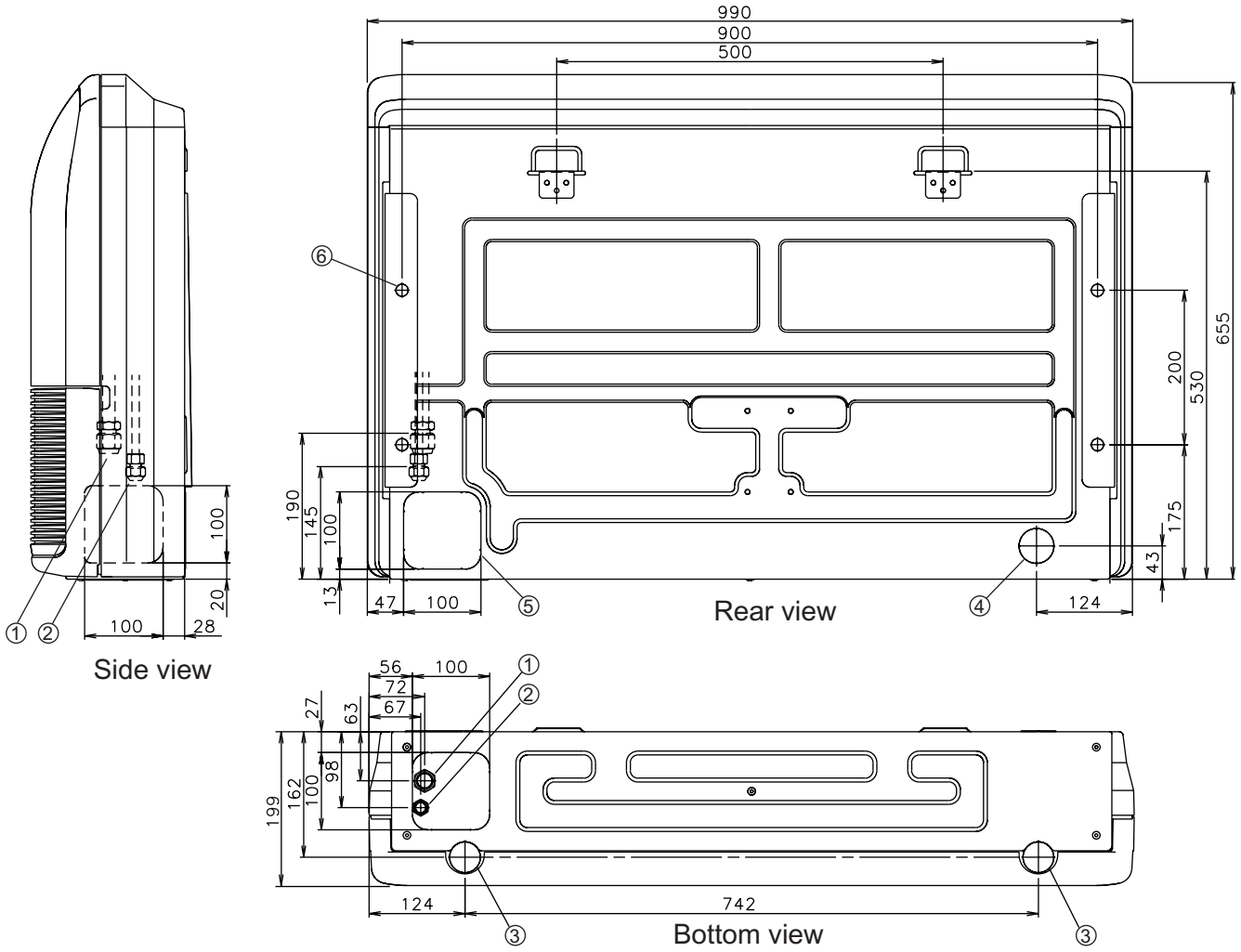


MULTI TYPE
3ROOM TYPE

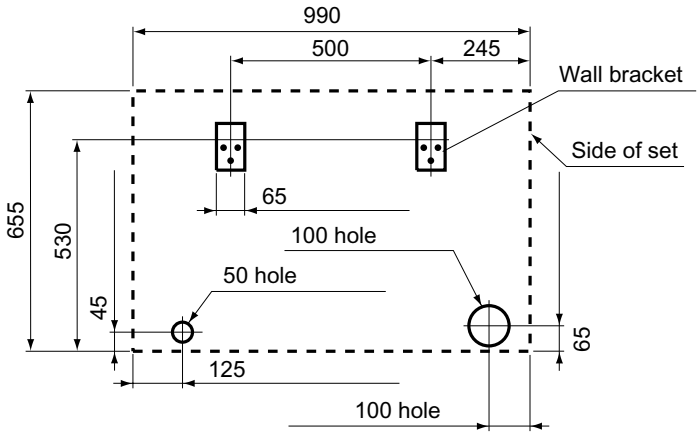
4-3. UNIVERSAL MODEL

■MODELS : AB∗14L, AB∗18L

(Unit : mm)



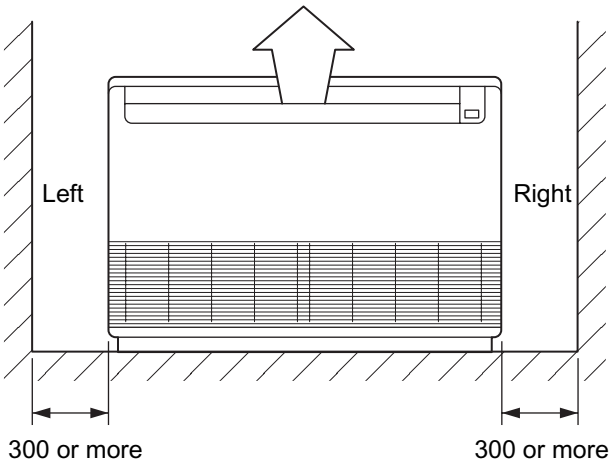
① Refrigerant piping flare connection (Gas)
② Refrigerant piping flare connection (Liquid)
③ Drain piping connection
④ Knock out hole for drain piping
⑤ Knock out hole for refrigerant piping
⑥ Hole for lifting bolt (Use M10 screw bolt)

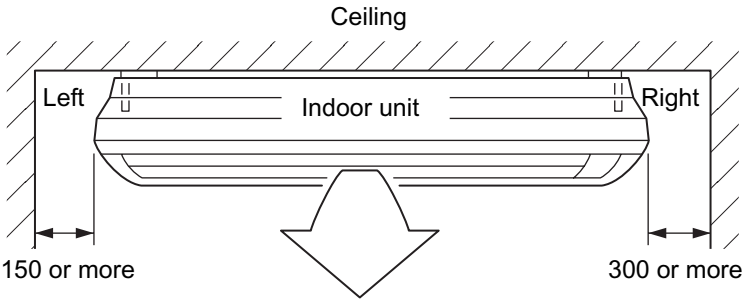


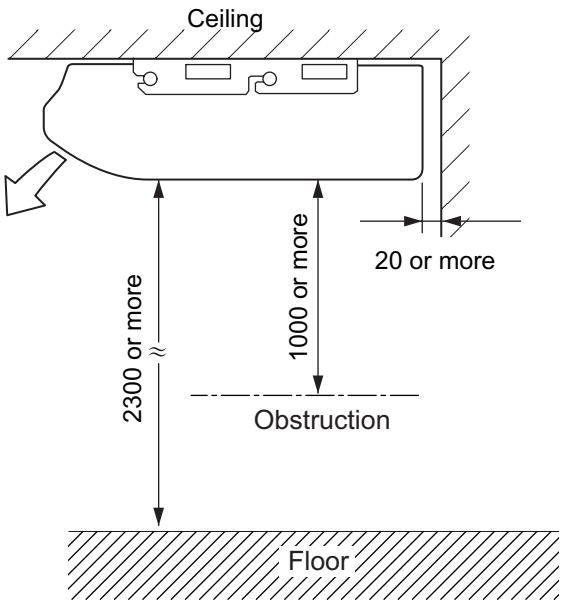
MULTI TYPE
3ROOM TYPE

■MOUNTING POSITION

(Unit : mm)





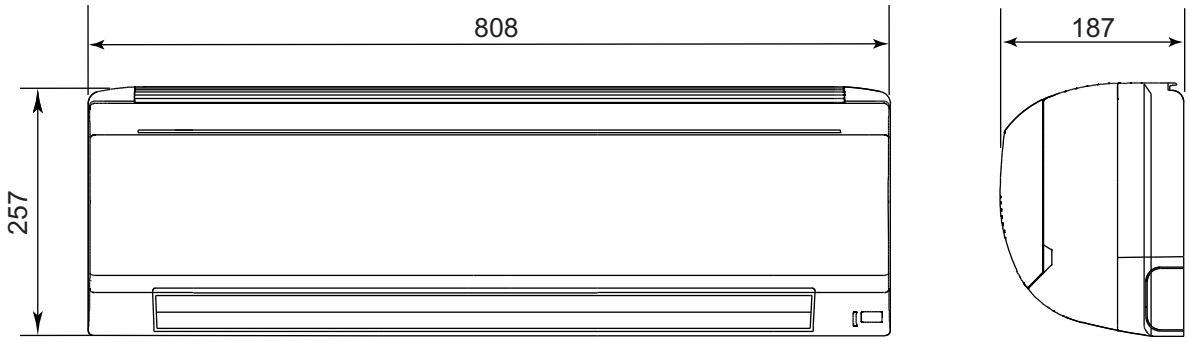


MULTI TYPE
3ROOM TYPE

4-4. WALL MOUNTED MODEL

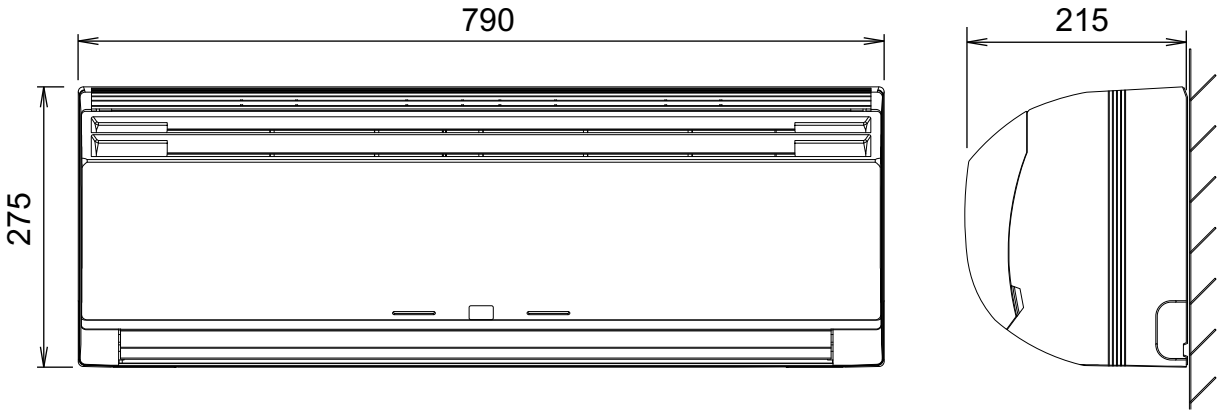
■MODELS : AS∗7L, AS∗9L, AS∗12L

(Unit : mm)



Front view　　Side view

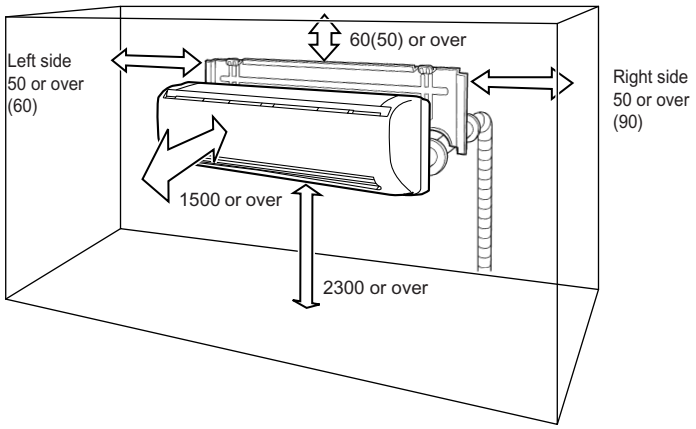
■MODELS : AS∗A14L, AS∗A18L



Front view　　Side view

■MOUNTING POSITION

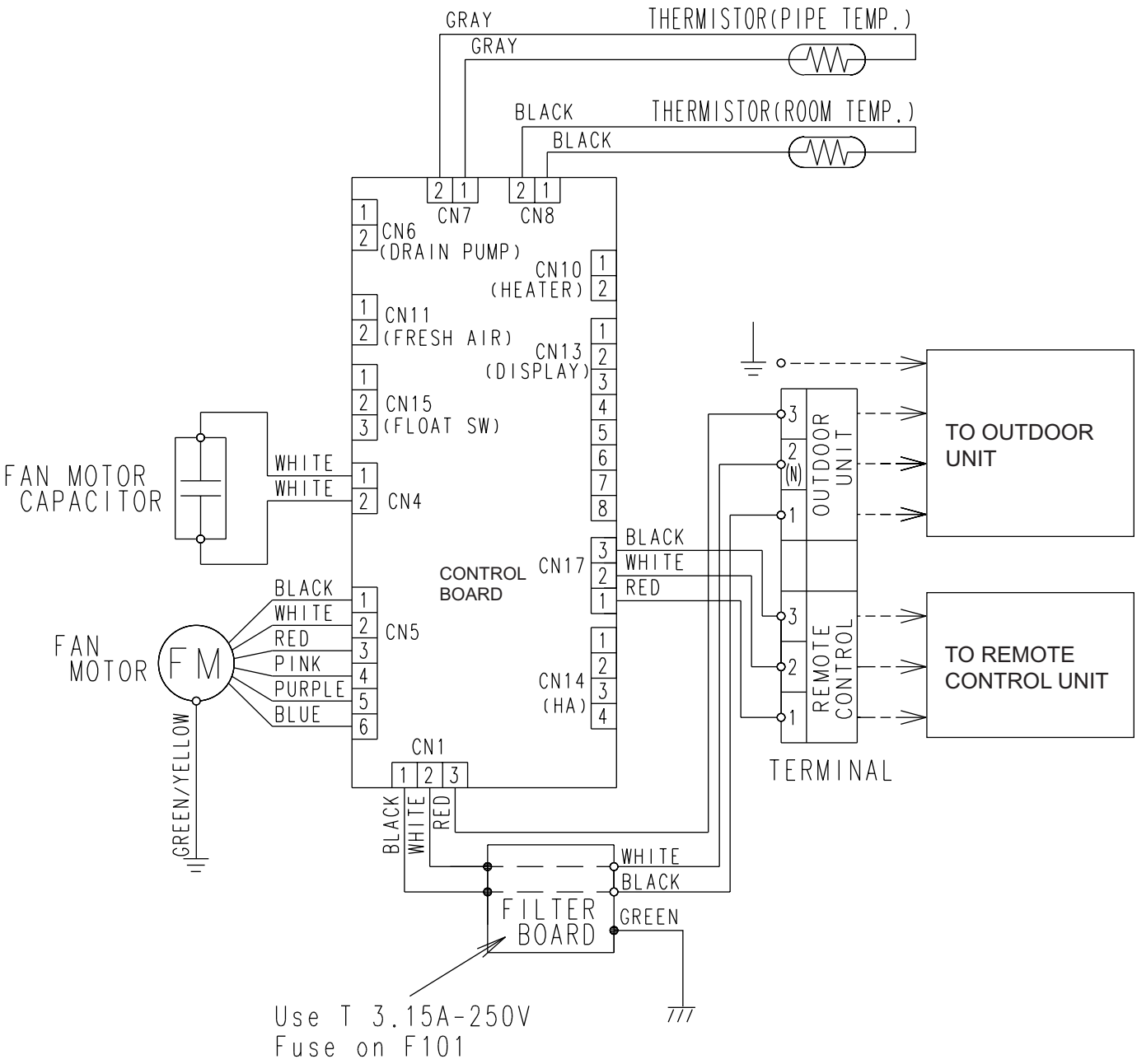
(　) : AS∗A14L, AS∗A18L



5. WIRING DIAGRAMS

5-1. DUCTED MODEL

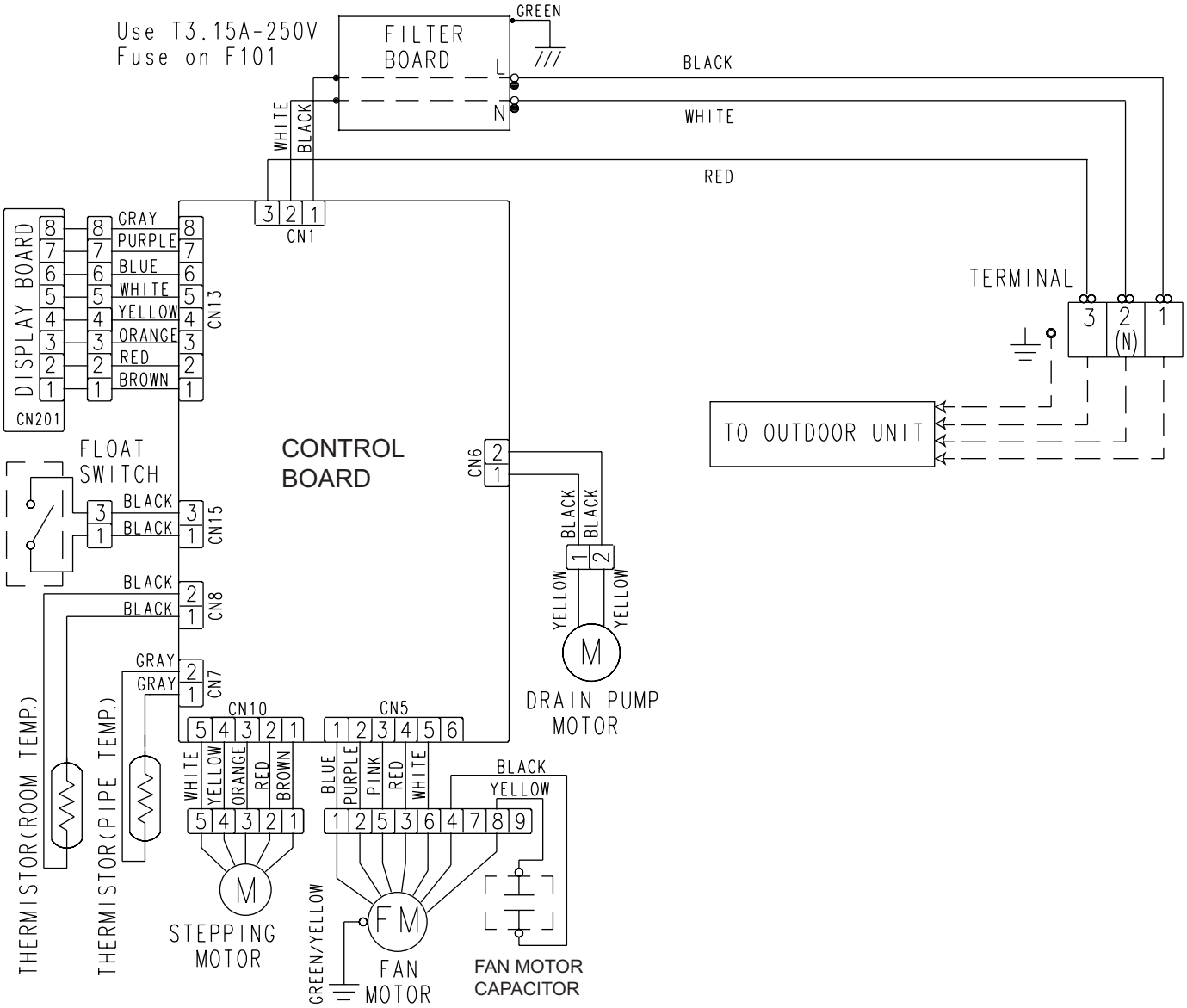
■MODELS : AR∗9L, AR∗12L, AR∗14L, AR∗18L



MULTI TYPE
3ROOM TYPE

5-2. CASSETTE MODEL

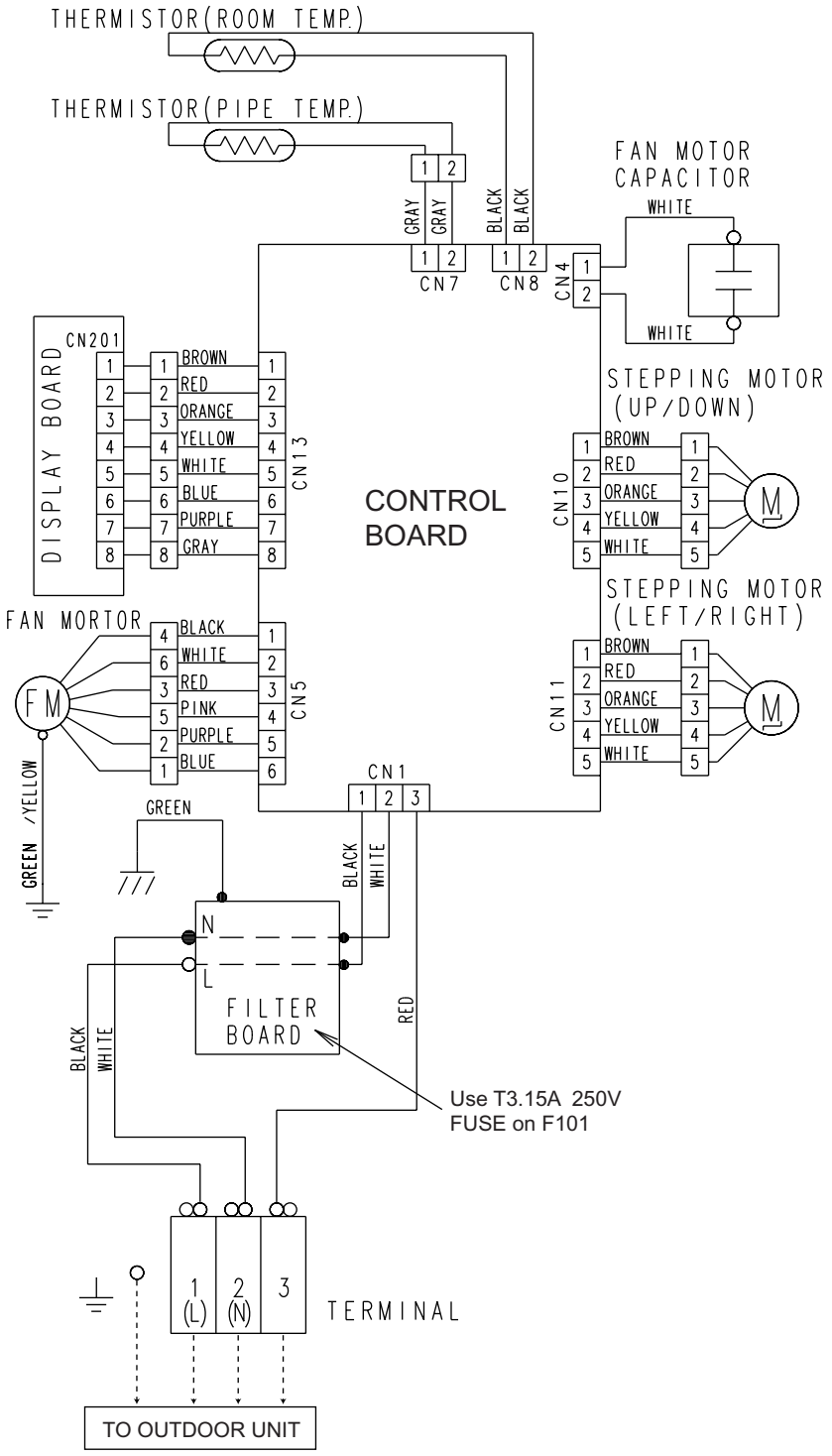
■MODELS : AU∗12L, AU∗14L, AU∗18L



MULTI TYPE
3ROOM TYPE

5-3. UNIVERSAL MODEL

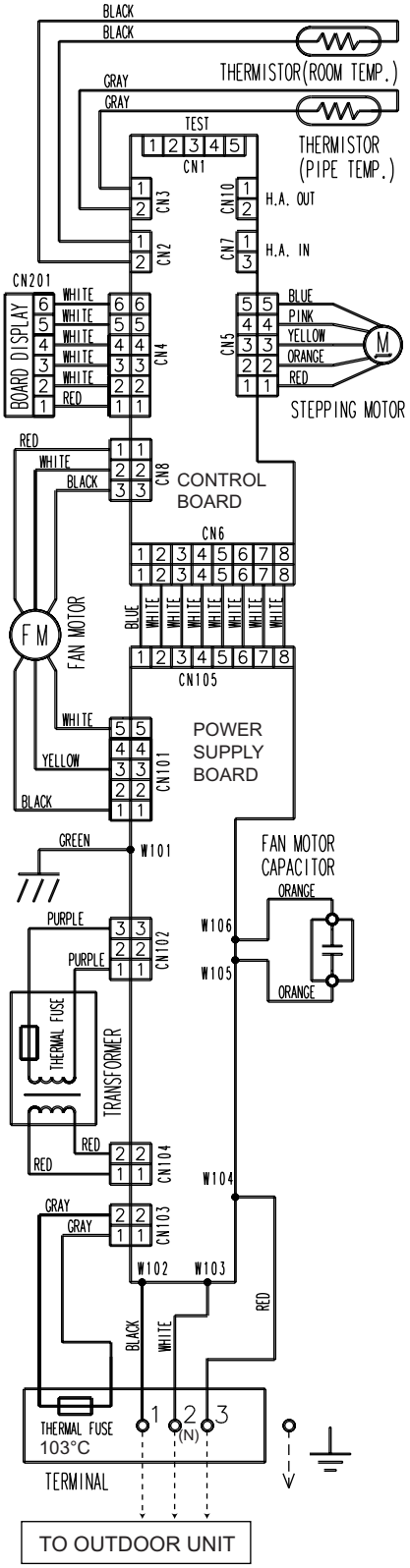
■MODELS : AB∗14L, AB∗18L



MULTI TYPE
3ROOM TYPE

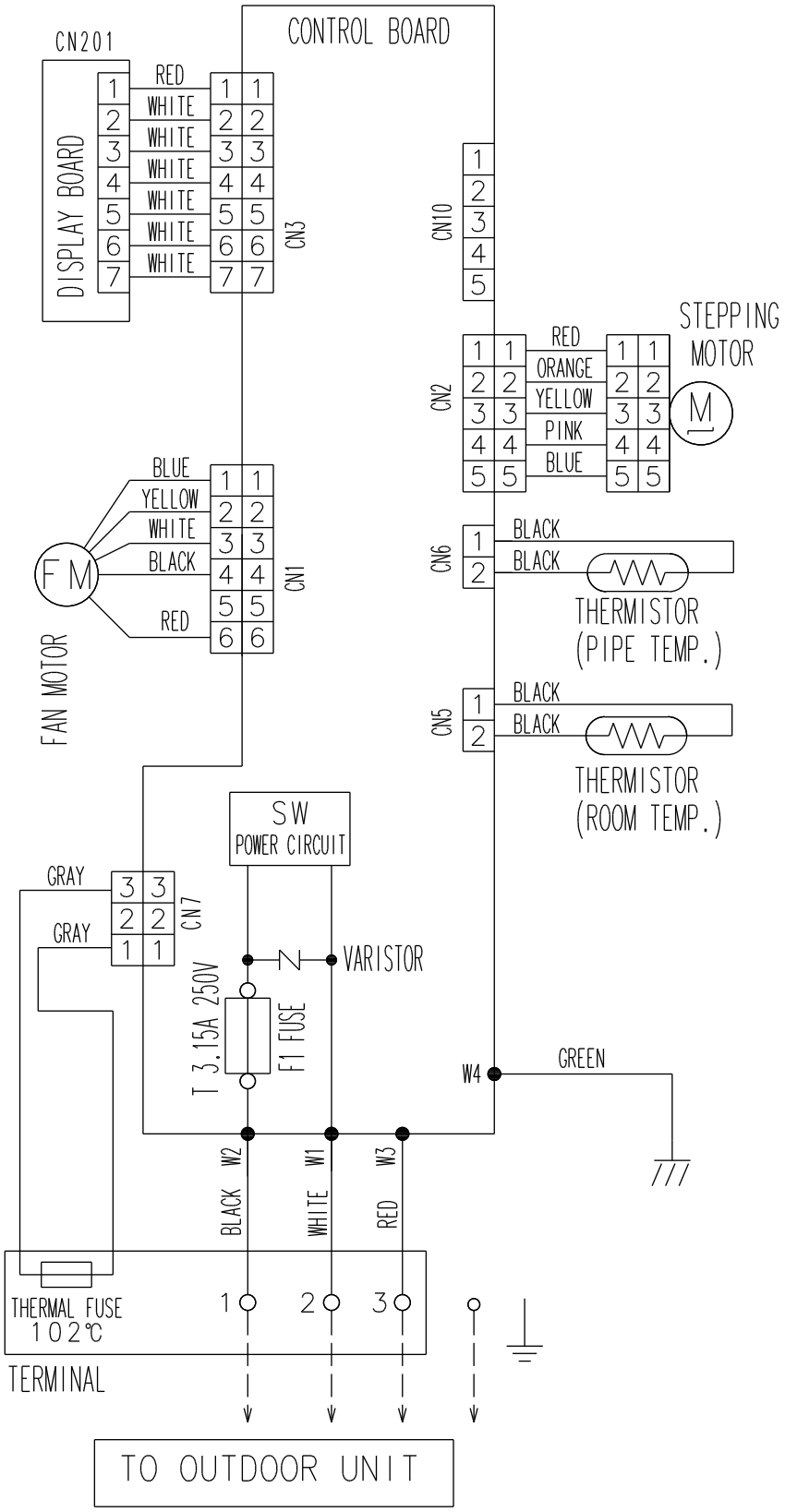
5-4. WALL MOUNTED MODEL

■MODELS : AS∗7L, AS∗9L, AS∗12L



MULTI TYPE
3ROOM TYPE

■MODELS : AS∗A14L, AS∗A18L



6. CAPACITY TABLE

6-1. COMBINATIONS

■MODEL : AO∗A18L3

●COOLING

	indoor model for each room				Cooling capacity for each indoor unit Rated (kW)			Cooling capacity for each indoor unit Max (kW)			Total cooling capacity (kW)			Total Input (kW)			Annual energy consumption,(KW/h)	EER (kW/kW)	Class
	room 1	room 2	room 3	total	room 1	room 2	room 3	room 1	room 2	room 3	min	rated	max	min	rated	max			
min 14 kBTU	7	-	-	7	2.30	-	-	2.70	-	-	1.5	2.3	2.7	0.45	0.65	0.75	325	3.54	A
max 30 kBTU	9	-	-	9	2.70	-	-	3.30	-	-	1.5	2.7	3.3	0.45	0.80	1.09	400	3.38	A
	12	-	-	12	3.50	-	-	3.70	-	-	1.5	3.5	3.7	0.45	1.09	1.15	545	3.21	A
	14	-	-	14	4.20	-	-	4.80	-	-	1.5	4.2	4.8	0.45	1.16	1.41	580	3.62	A
	7	7	-	14	2.30	2.30	-	2.50	2.50	-	1.8	4.6	5.0	0.50	1.22	1.43	610	3.77	A
	9	7	-	16	2.70	2.30	-	3.08	2.62	-	1.8	5.0	5.7	0.50	1.35	1.81	675	3.70	A
	12	7	-	19	3.02	1.98	-	3.68	2.42	-	1.8	5.0	6.1	0.50	1.34	2.06	670	3.73	A
	14	7	-	21	3.42	1.88	-	4.26	2.34	-	1.8	5.3	6.6	0.50	1.34	2.06	670	3.96	A
	9	9	-	18	2.50	2.50	-	3.10	3.10	-	1.8	5.0	6.2	0.50	1.35	2.06	675	3.70	A
	12	9	-	21	2.82	2.18	-	3.56	2.74	-	1.8	5.0	6.3	0.50	1.35	2.06	675	3.70	A
	14	9	-	23	3.23	2.07	-	4.08	2.62	-	1.8	5.3	6.7	0.50	1.35	2.06	675	3.93	A
	12	12	-	24	2.55	2.55	-	3.15	3.15	-	1.8	5.1	6.3	0.50	1.35	2.06	675	3.78	A
	14	12	-	26	2.89	2.41	-	3.65	3.05	-	1.8	5.3	6.7	0.50	1.35	2.06	675	3.93	A
	7	7	7	21	1.80	1.80	1.80	2.27	2.27	2.27	1.8	5.4	6.8	0.50	1.34	2.06	670	4.03	A
	9	7	7	23	2.00	1.70	1.70	2.52	2.14	2.14	1.8	5.4	6.8	0.50	1.35	2.06	675	4.00	A
	12	7	7	26	2.33	1.53	1.53	2.94	1.93	1.93	1.8	5.4	6.8	0.50	1.35	2.06	675	4.00	A
	14	7	7	28	2.58	1.41	1.41	3.25	1.78	1.78	2.0	5.4	6.8	0.60	1.35	2.06	675	4.00	A
	9	9	7	25	1.89	1.89	1.61	2.38	2.38	2.03	1.8	5.4	6.8	0.50	1.35	2.06	675	4.00	A
	12	9	7	28	2.22	1.72	1.46	2.80	2.16	1.84	1.8	5.4	6.8	0.50	1.35	2.06	675	4.00	A
	14	9	7	30	2.47	1.58	1.35	3.10	2.00	1.70	2.0	5.4	6.8	0.60	1.35	2.06	675	4.00	A
	9	9	9	27	1.80	1.80	1.80	2.27	2.27	2.27	1.8	5.4	6.8	0.50	1.35	2.06	675	4.00	A
	12	9	9	30	2.12	1.64	1.64	2.67	2.06	2.06	1.8	5.4	6.8	0.50	1.35	2.06	675	4.00	A

●HEATING

	indoor model for each room				Heating capacity for each indoor unit Rated (kW)			Heating capacity for each indoor unit Max (kW)			Total heating capacity (kW)			Total Input (kW)			Annual energy consumption,(KW/h)	COP (kW/kW)	Class
	room 1	room 2	room 3	total	room 1	room 2	room 3	room 1	room 2	room 3	min	rated	max	min	rated	max			
min 14 kBTU	7	-	-	7	2.70	-	-	3.30	-	-	1.5	2.7	3.3	0.43	0.83	1.00	415	3.25	C
max 30 kBTU	9	-	-	9	3.30	-	-	4.20	-	-	1.5	3.3	4.2	0.42	1.00	1.30	500	3.30	C
	12	-	-	12	3.80	-	-	4.80	-	-	1.5	3.8	4.8	0.42	1.26	1.62	630	3.02	D
	14	-	-	14	4.80	-	-	5.80	-	-	1.5	4.8	5.8	0.42	1.30	1.70	650	3.69	B
	7	7	-	14	2.70	2.70	-	3.05	3.05	-	2.0	5.4	6.1	0.52	1.59	1.93	795	3.40	B
	9	7	-	16	3.25	2.75	-	3.46	2.94	-	2.0	6.0	6.4	0.52	1.87	2.06	935	3.21	C
	12	7	-	19	3.71	2.59	-	3.82	2.68	-	2.0	6.3	6.5	0.52	1.98	2.06	990	3.18	D
	14	7	-	21	4.29	2.51	-	4.48	2.62	-	2.0	6.8	7.1	0.50	1.92	2.06	960	3.54	B
	9	9	-	18	3.15	3.15	-	3.25	3.25	-	2.0	6.3	6.5	0.52	1.98	2.06	990	3.18	D
	12	9	-	21	3.51	2.89	-	3.62	2.98	-	2.0	6.4	6.6	0.52	1.99	2.06	995	3.22	C
	14	9	-	23	4.03	2.77	-	4.27	2.93	-	2.0	6.8	7.2	0.50	1.91	2.06	955	3.56	B
	12	12	-	24	3.20	3.20	-	3.30	3.30	-	2.0	6.4	6.6	0.52	1.98	2.06	990	3.23	C
	14	12	-	26	3.71	3.09	-	3.98	3.32	-	2.0	6.8	7.3	0.50	1.90	2.06	950	3.58	B
	7	7	7	21	2.23	2.23	2.23	2.57	2.57	2.57	2.0	6.7	7.7	0.50	1.70	2.06	850	3.94	A
	9	7	7	23	2.52	2.14	2.14	2.89	2.45	2.45	2.0	6.8	7.8	0.50	1.70	2.06	850	4.00	A
	12	7	7	26	2.83	1.98	1.98	3.25	2.28	2.28	2.0	6.8	7.8	0.50	1.69	2.06	845	4.02	A
	14	7	7	28	3.14	1.83	1.83	3.69	2.15	2.15	2.0	6.8	8.0	0.50	1.62	2.06	810	4.20	A
	9	9	7	25	2.39	2.39	2.03	2.74	2.74	2.32	2.0	6.8	7.8	0.50	1.69	2.06	845	4.02	A
	12	9	7	28	2.69	2.22	1.89	3.13	2.58	2.19	2.0	6.8	7.9	0.50	1.68	2.06	840	4.05	A
	14	9	7	30	2.99	2.06	1.75	3.52	2.42	2.06	2.0	6.8	8.0	0.50	1.62	2.06	810	4.20	A
	9	9	9	27	2.27	2.27	2.27	2.63	2.63	2.63	2.0	6.8	7.9	0.50	1.68	2.06	840	4.05	A
	12	9	9	30	2.57	2.12	2.12	2.98	2.46	2.46	2.0	6.8	7.9	0.50	1.67	2.06	835	4.07	A

NOTES

- 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)
- The total capacity of connected a indoor unit is up to 30000BTU from 14000BTU.
- It is impossible to connect the indoor unit for one room only.

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●COOLING

	indoor model for each room				Cooling capacity for each indoor unit Rated (kW)			Cooling capacity for each indoor unit Max (kW)			Total cooling capacity (kW)			Total Input (kW)			Annual energy consumption,(KW/h)	EER (kW/kW)	Class
	room1	room2	room3	total	room 1	room 2	room 3	room 1	room 2	room 3	min	rated	max	min	rated	max			
min 14 kBTU	7	-	-	7	2.30	-	-	2.70	-	-	1.5	2.3	2.7	0.45	0.65	0.75	325	3.54	A
max 36 kBTU	9	-	-	9	2.70	-	-	3.30	-	-	1.5	2.7	3.3	0.45	0.80	1.09	400	3.38	A
	12	-	-	12	3.50	-	-	3.70	-	-	1.5	3.5	3.7	0.45	1.09	1.15	545	3.21	A
	14	-	-	14	4.20	-	-	4.80	-	-	1.5	4.2	4.8	0.45	1.16	1.41	580	3.62	A
	18	-	-	18	5.00	-	-	5.60	-	-	1.8	5.0	5.6	0.50	1.50	1.96	750	3.33	A
	7	7	-	14	2.30	2.30	-	2.50	2.50	-	1.8	4.6	5.0	0.50	1.20	1.40	600	3.83	A
	9	7	-	16	2.70	2.30	-	3.08	2.62	-	1.8	5.0	5.7	0.50	1.36	1.78	680	3.68	A
	12	7	-	19	3.42	2.38	-	3.59	2.51	-	1.8	5.8	6.1	0.50	1.70	1.97	850	3.41	A
	14	7	-	21	4.13	2.37	-	4.57	2.63	-	1.8	6.5	7.2	0.50	1.91	2.46	955	3.40	A
	18	7	-	25	4.52	2.08	-	5.34	2.46	-	1.8	6.6	7.8	0.50	1.91	2.87	955	3.46	A
	9	9	-	18	2.75	2.75	-	3.10	3.10	-	1.8	5.5	6.2	0.50	1.55	2.02	775	3.55	A
	12	9	-	21	3.41	2.79	-	3.74	3.06	-	1.8	6.2	6.8	0.50	1.90	2.45	950	3.26	A
	14	9	-	23	3.94	2.66	-	4.60	3.10	-	1.8	6.6	7.7	0.50	1.91	2.77	955	3.46	A
	18	9	-	27	4.35	2.35	-	5.13	2.77	-	1.8	6.7	7.9	0.50	1.91	2.87	955	3.51	A
	12	12	-	24	3.15	3.15	-	3.60	3.60	-	1.8	6.3	7.2	0.50	1.90	2.74	950	3.32	A
	14	12	-	26	3.67	3.03	-	4.27	3.53	-	1.8	6.7	7.8	0.50	1.91	2.87	955	3.51	A
	18	12	-	30	4.04	2.66	-	4.76	3.14	-	1.8	6.7	7.9	0.50	1.92	2.87	960	3.49	A
	7	7	7	21	2.27	2.27	2.27	2.47	2.47	2.47	1.8	6.8	7.4	0.50	1.92	2.37	960	3.54	A
	9	7	7	23	2.52	2.14	2.14	2.88	2.46	2.46	1.8	6.8	7.8	0.50	1.93	2.60	965	3.52	A
	12	7	7	26	2.84	1.98	1.98	3.38	2.36	2.36	1.8	6.8	8.1	0.50	1.93	2.87	965	3.52	A
	14	7	7	28	3.16	1.82	1.82	3.91	2.25	2.25	2.0	6.8	8.4	0.60	1.94	2.87	970	3.51	A
	18	7	7	32	3.54	1.63	1.63	4.43	2.04	2.04	2.0	6.8	8.5	0.60	1.94	2.87	970	3.51	A
	9	9	7	25	2.38	2.38	2.03	2.88	2.88	2.45	1.8	6.8	8.2	0.50	1.93	2.87	965	3.52	A
	12	9	7	28	2.70	2.21	1.88	3.26	2.67	2.27	1.8	6.8	8.2	0.50	1.93	2.87	965	3.52	A
	14	9	7	30	3.02	2.04	1.74	3.73	2.52	2.15	2.0	6.8	8.4	0.60	1.94	2.87	970	3.51	A
	18	9	7	34	3.40	1.84	1.56	4.25	2.30	1.96	2.0	6.8	8.5	0.60	1.94	2.87	970	3.51	A
	12	12	7	31	2.52	2.52	1.76	3.04	3.04	2.12	1.8	6.8	8.2	0.50	1.94	2.87	970	3.51	A
	14	12	7	33	2.83	2.34	1.63	3.54	2.92	2.04	2.0	6.8	8.5	0.60	1.94	2.87	970	3.51	A
	9	9	9	27	2.27	2.27	2.27	2.73	2.73	2.73	1.8	6.8	8.2	0.50	1.94	2.87	970	3.51	A
	12	9	9	30	2.58	2.11	2.11	3.15	2.58	2.58	1.8	6.8	8.3	0.50	1.94	2.87	970	3.51	A
	14	9	9	32	2.89	1.95	1.95	3.62	2.44	2.44	2.0	6.8	8.5	0.60	1.94	2.87	970	3.51	A
	18	9	9	36	3.27	1.77	1.77	4.09	2.21	2.21	2.0	6.8	8.5	0.60	1.94	2.87	970	3.51	A
	12	12	9	33	2.41	2.41	1.97	2.95	2.95	2.41	1.8	6.8	8.3	0.50	1.94	2.87	970	3.51	A
	14	12	9	35	2.72	2.24	1.84	3.40	2.81	2.30	2.0	6.8	8.5	0.60	1.94	2.87	970	3.51	A
	12	12	12	36	2.27	2.27	2.27	2.77	2.77	2.77	1.8	6.8	8.3	0.50	1.94	2.87	970	3.51	A

●HEATING

	indoor model for each room				Heating capacity for each indoor unit Rated (kW)			Heating capacity for each indoor unit Max (kW)			Total heating capacity (kW)			Total Input (kW)			Annual energy consumption,(KW/h)	COP (kW/kW)	Class
	room 1	room 2	room 3	total	room 1	room 2	room 3	room 1	room 2	room 3	min	rated	max	min	rated	max			
min 14 kBTU	7	-	-	7	2.70	-	-	3.30	-	-	1.5	2.7	3.3	0.43	0.83	1.00	415	3.25	C
max 36 kBTU	9	-	-	9	3.30	-	-	4.20	-	-	1.5	3.3	4.2	0.42	1.00	1.30	500	3.30	C
	12	-	-	12	3.80	-	-	4.80	-	-	1.5	3.8	4.8	0.42	1.26	1.62	630	3.02	D
	14	-	-	14	4.80	-	-	5.80	-	-	1.5	4.8	5.8	0.42	1.30	1.70	650	3.69	B
	18	-	-	18	6.00	-	-	7.10	-	-	1.6	6.0	7.1	0.42	1.85	2.40	925	3.24	B
	7	7	-	14	2.75	2.75	-	3.00	3.00	-	2.0	5.5	6.1	0.52	1.55	1.93	775	3.55	B
	9	7	-	16	3.30	2.80	-	3.79	3.21	-	2.0	6.1	7.0	0.52	1.82	2.52	910	3.35	C
	12	7	-	19	4.12	2.88	-	4.29	3.01	-	2.0	7.0	7.3	0.52	2.31	2.66	1155	3.03	D
	14	7	-	21	4.80	2.80	-	5.24	3.06	-	2.0	7.6	8.3	0.50	2.28	2.87	1140	3.33	C
	18	7	-	25	5.39	2.51	-	5.66	2.64	-	2.0	7.9	8.3	0.50	2.34	2.87	1170	3.38	C
	9	9	-	18	3.30	3.30	-	3.70	3.70	-	2.0	6.6	7.4	0.52	2.04	2.68	1020	3.24	C
	12	9	-	21	4.00	3.30	-	4.22	3.48	-	2.0	7.3	7.7	0.52	2.43	2.87	1215	3.00	D
	14	9	-	23	4.68	3.22	-	4.92	3.38	-	2.0	7.9	8.3	0.50	2.38	2.87	1190	3.32	C
	18	9	-	27	5.16	2.84	-	5.48	3.02	-	2.0	8.0	8.5	0.50	2.32	2.87	1160	3.45	B
	12	12	-	24	3.80	3.80	-	3.90	3.90	-	2.0	7.6	7.8	0.52	2.54	2.87	1270	2.99	D
	14	12	-	26	4.31	3.59	-	4.58	3.82	-	2.0	7.9	8.4	0.50	2.37	2.87	1185	3.33	C
	18	12	-	30	4.80	3.20	-	5.16	3.44	-	2.0	8.0	8.6	0.50	2.31	2.87	1155	3.46	B
	7	7	7	21	2.47	2.47	2.47	2.87	2.87	2.87	2.0	7.4	8.6	0.50	2.05	2.68	1025	3.61	A
	9	7	7	23	2.86	2.42	2.42	3.26	2.77	2.77	2.0	7.7	8.8	0.50	2.11	2.87	1055	3.65	A
	12	7	7	26	3.25	2.28	2.28	3.71	2.60	2.60	2.0	7.8	8.9	0.50	2.10	2.80	1050	3.71	A
	14	7	7	28	3.65	2.13	2.13	4.25	2.48	2.48	2.0	7.9	9.2	0.50	2.02	2.72	1010	3.91	A
	18	7	7	32	4.09	1.91	1.91	4.76	2.22	2.22	2.0	7.9	9.2	0.50	2.00	2.70	1000	3.95	A
	9	9	7	25	2.74	2.74	2.32	3.16	3.16	2.68	2.0	7.8	9.0	0.50	2.10	2.87	1050	3.71	A
	12	9	7	28	3.09	2.55	2.16	3.60	2.97	2.52	2.0	7.8	9.1	0.50	2.09	2.87	1045	3.73	A
	14	9	7	30	3.52	2.42	2.06	4.05	2.79	2.36	2.0	8.0	9.2	0.50	2.02	2.72	1010	3.96	A
	18	9	7	34	3.97	2.18	1.85	4.56	2.51	2.13	2.0	8.0	9.2	0.50	2.00	2.69	1000	4.00	A
	12	12	7	31	2.93	2.93	2.05	3.37	3.37	2.36	2.0	7.9	9.1	0.50	2.08	2.87	1040	3.80	A
	14	12	7	33	3.31	2.76	1.93	3.81	3.17	2.22	2.0	8.0	9.2	0.50	2.01	2.70	1005	3.98	A
	9	9	9	27	2.63	2.63	2.63	3.03	3.03	3.03	2.0	7.9	9.1	0.50	2.09	2.87	1045	3.78	A
	12	9	9	30	2.98	2.46	2.46	3.47	2.86	2.86	2.0	7.9	9.2	0.50	2.08	2.87	1040	3.80	A
	14	9	9	32	3.37	2.32	2.32	3.87	2.66	2.66	2.0	8.0	9.2	0.50	2.00	2.70	1000	4.00	A
	18	9	9	36	3.81	2.10	2.10	4.38	2.41	2.41	2.0	8.0	9.2	0.50	1.98	2.68	990	4.04	A
	12	12	9	33	2.83	2.83	2.34	3.26	3.26	2.69	2.0	8.0	9.2	0.50	2.07	2.80	1035	3.86	A
	14	12	9	35	3.17	2.64	2.18	3.65	3.04	2.51	2.0	8.0	9.2	0.50	2.00	2.69	1000	4.00	A
	12	12	12	36	2.67	2.67	2.67	3.07	3.07	3.07	2.0	8.0	9.2	0.50	2.06	2.78	1030	3.88	A

NOTES

- 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)
- The total capacity of connected a indoor unit is up to 36000BTU from 14000BTU.
- It is impossible to connect the indoor unit for one room only.

MULTI TYPE
3ROOM TYPE

6-2. COOLING CAPACITY

Note: It is impossible to connect the indoor unit for one room only.

■MODEL : AO∗A18L3

●INDOOR UNIT : 7000BTU

		Indoor temperature																					
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
7 Outdoor temperature	-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
	-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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	43	1.93	1.53	0.85	2.15	1.54	0.87	2.22	1.67	0.87	2.37	1.68	0.88	2.44	1.81	0.89	2.59	1.81	0.89	2.66	1.80	0.90
	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

●INDOOR UNIT : 9000BTU

		Indoor temperature																					
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9 Outdoor temperature	-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
	-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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	43	2.34	1.79	1.24	2.60	1.80	1.26	2.69	1.96	1.27	2.87	1.96	1.28	2.96	2.12	1.29	3.13	2.11	1.30	3.22	2.11	1.31
	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

●INDOOR UNIT : 12000BTU

		Indoor temperature																					
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12 Outdoor temperature	-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
	-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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	43	2.62	2.01	1.31	2.92	2.03	1.33	3.02	2.20	1.34	3.22	2.21	1.35	3.32	2.39	1.36	3.51	2.38	1.37	3.61	2.37	1.38
	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

●INDOOR UNIT : 14000BTU

		Indoor temperature																					
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14 Outdoor temperature	-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	3.59	2.75	1.51	4.00	2.77	1.53	4.14	3.01	1.54	4.41	3.02	1.56	4.55	3.26	1.57	4.82	3.25	1.58	4.96	3.24	1.59
	43	3.40	2.65	1.61	3.78	2.67	1.63	3.91	2.90	1.64	4.17	2.91	1.66	4.30	3.14	1.66	4.56	3.13	1.68	4.69	3.12	1.69
	46	3.18	2.59	1.62	3.55	2.61	1.65	3.67	2.84	1.66	3.91	2.85	1.67	4.03	3.07	1.68	4.27	3.06	1.70	4.39	3.06	1.71

●INDOOR UNIT : 7000BTU + 7000BTU

		Indoor temperature																					
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
7+7 Outdoor temperature	-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
	43	3.54	2.77	1.63	3.94	2.78	1.65	4.08	3.02	1.66	4.35	3.04	1.68	4.48	3.28	1.69	4.75	3.27	1.70	4.88	3.26	1.71
	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

TC : Total capacity (kW)
SHC : Sensible Heat capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A18L3

●INDOOR UNIT : 9000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9+7 Outdoor temperature	-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
	43	4.04	3.09	1.99	4.50	3.11	2.02	4.65	3.38	2.03	4.96	3.39	2.06	5.11	3.66	2.06	5.42	3.65	2.06	5.57	3.64	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 : 12000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+7 Outdoor temperature	-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
	43	4.10	3.19	1.99	4.57	3.21	2.02	4.73	3.49	2.03	5.04	3.50	2.06	5.20	3.78	2.06	5.51	3.77	2.06	5.66	3.76	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 : 14000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+7 Outdoor temperature	-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
	43	4.39	3.54	1.99	4.89	3.57	2.02	5.05	3.87	2.03	5.39	3.89	2.06	5.55	4.20	2.06	5.89	4.18	2.06	6.05	4.18	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			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9+9 Outdoor temperature	-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
	43	4.17	3.25	1.99	4.65	3.27	2.02	4.81	3.55	2.03	5.12	3.57	2.06	5.28	3.85	2.06	5.60	3.83	2.06	5.76	3.83	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 : 12000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+9 Outdoor temperature	-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
	43	4.19	3.32	1.99	4.66	3.34	2.02	4.82	3.63	2.03	5.14	3.64	2.06	5.30	3.93	2.06	5.62	3.92	2.06	5.78	3.91	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

TC : Total capacity (kW)
SHC : Sensible Heat capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A18L3

●INDOOR UNIT : 14000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+9 Outdoor temperature	-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
	43	4.45	3.66	1.99	4.96	3.69	2.02	5.13	4.00	2.03	5.47	4.02	2.06	5.64	4.34	2.06	5.97	4.32	2.06	6.14	4.32	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			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+12 Outdoor temperature	-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
	43	4.19	3.36	1.99	4.66	3.38	2.02	4.82	3.68	2.03	5.14	3.69	2.06	5.30	3.98	2.06	5.62	3.97	2.06	5.78	3.96	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 : 14000BTU + 12000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+12 Outdoor temperature	-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
	43	4.45	3.71	1.99	4.96	3.73	2.02	5.13	4.06	2.03	5.47	4.07	2.06	5.64	4.39	2.06	5.97	4.38	2.06	6.14	4.37	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			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
7+7+7 Outdoor temperature	-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
	43	4.52	3.75	1.99	5.03	3.77	2.02	5.21	4.10	2.03	5.55	4.12	2.06	5.72	4.45	2.06	6.06	4.43	2.06	6.24	4.42	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 : 9000BTU + 7000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9+7+7 Outdoor temperature	-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
	43	4.52	3.82	1.99	5.03	3.85	2.02	5.21	4.18	2.03	5.55	4.19	2.06	5.72	4.53	2.06	6.06	4.51	2.06	6.24	4.50	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

TC : Total capacity (kW)
SHC : Sensible Heat capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A18L3

●INDOOR UNIT : 12000BTU + 7000BTU + 7000BTU

		Indoor temperature																				
		°CDB	18			21			23			25			27			29			32		
		°CWB	12			15			16			18			19			21			23		
		°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+7+7	Outdoor temperature	-10	5.67	4.41	0.91	6.32	4.44	0.92	6.53	4.83	0.93	6.96	4.85	0.94	7.18	5.23	0.94	7.61	5.21	0.95	7.82	5.20	0.96
		-5	5.43	4.31	1.03	6.05	4.33	1.05	6.26	4.71	1.05	6.67	4.73	1.06	6.88	5.10	1.07	7.29	5.09	1.08	7.50	5.08	1.08
		0	5.34	4.26	1.14	5.95	4.29	1.15	6.15	4.66	1.16	6.56	4.68	1.17	6.76	5.05	1.18	7.17	5.03	1.19	7.37	5.02	1.19
		5	5.29	4.24	1.17	5.90	4.27	1.18	6.10	4.64	1.19	6.50	4.66	1.20	6.70	5.03	1.21	7.10	5.01	1.22	7.30	5.00	1.23
		10	5.34	4.26	1.18	5.95	4.29	1.20	6.15	4.66	1.21	6.56	4.68	1.22	6.76	5.05	1.22	7.17	5.03	1.24	7.37	5.02	1.24
		15	5.52	4.35	1.39	6.15	4.37	1.42	6.36	4.75	1.42	6.78	4.77	1.44	6.99	5.15	1.44	7.41	5.13	1.46	7.62	5.12	1.47
		20	6.70	4.86	1.99	7.46	4.89	2.02	7.72	5.32	2.03	8.22	5.34	2.06	8.48	5.76	2.06	8.99	5.74	2.06	9.24	5.73	2.06
		25	6.44	4.75	1.99	7.17	4.78	2.02	7.42	5.20	2.03	7.91	5.22	2.06	8.15	5.63	2.06	8.64	5.61	2.06	8.89	5.60	2.06
		30	5.83	4.49	1.99	6.49	4.51	2.02	6.72	4.91	2.03	7.16	4.92	2.06	7.38	5.32	2.06	7.82	5.30	2.06	8.04	5.29	2.06
		35	5.37	4.28	1.99	5.98	4.30	2.02	6.19	4.68	2.03	6.60	4.70	2.06	6.80	5.07	2.06	7.21	5.05	2.06	7.41	5.04	2.06
		40	4.80	4.01	1.95	5.35	4.03	1.98	5.53	4.38	1.99	5.90	4.40	2.01	6.08	4.75	2.02	6.44	4.73	2.06	6.63	4.72	2.06
		43	4.52	3.87	1.99	5.03	3.89	2.02	5.21	4.23	2.03	5.55	4.25	2.06	5.72	4.59	2.06	6.06	4.57	2.06	6.24	4.56	2.06
		46	3.86	3.65	1.88	4.30	3.67	1.88	4.45	3.99	1.88	4.74	4.01	1.88	4.89	4.33	1.88	5.18	4.31	1.88	5.33	4.30	1.88

●INDOOR UNIT : 14000BTU + 7000BTU + 7000BTU

		Indoor temperature																				
		°CDB	18			21			23			25			27			29			32		
		°CWB	12			15			16			18			19			21			23		
		°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+7+7	Outdoor temperature	-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
		-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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		43	4.52	4.05	1.99	5.03	4.08	2.02	5.21	4.43	2.03	5.55	4.45	2.06	5.72	4.80	2.06	6.06	4.79	2.06	6.24	4.78	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

●INDOOR UNIT : 9000BTU + 9000BTU + 7000BTU

		Indoor temperature																				
		°CDB	18			21			23			25			27			29			32		
		°CWB	12			15			16			18			19			21			23		
		°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9+9+7	Outdoor temperature	-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
		43	4.52	3.90	1.99	5.03	3.92	2.02	5.21	4.26	2.03	5.55	4.28	2.06	5.72	4.62	2.06	6.06	4.60	2.06	6.24	4.60	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 : 12000BTU + 9000BTU + 7000BTU

		Indoor temperature																				
		°CDB	18			21			23			25			27			29			32		
		°CWB	12			15			16			18			19			21			23		
		°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+9+7	Outdoor temperature	-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
		43	4.52	3.95	1.99	5.03	3.97	2.02	5.21	4.32	2.03	5.55	4.33	2.06	5.72	4.68	2.06	6.06	4.66	2.06	6.24	4.65	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 : 14000BTU + 9000BTU + 7000BTU

		Indoor temperature																				
		°CDB	18			21			23			25			27			29			32		
		°CWB	12			15			16			18			19			21			23		
		°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+9+7	Outdoor temperature	-10	6.36	5.03	1.16	7.09	5.06	1.18	7.33	5.50	1.18	7.81	5.52	1.20	8.05	5.96	1.20	8.54	5.94	1.21	8.78	5.93	1.22
		-5	6.10	4.91	1.31	6.79	4.94	1.34	7.02	5.37	1.34	7.49	5.39	1.36	7.72	5.82	1.36	8.18	5.80	1.38	8.41	5.79	1.38
		0	5.99	4.86	1.45	6.67	4.89	1.47	6.90	5.31	1.48	7.36	5.33	1.50	7.58	5.76	1.50	8.04	5.74	1.52	8.27	5.73	1.53
		5	5.94	4.83	1.49	6.62	4.86	1.51	6.84	5.29	1.52	7.29	5.31	1.54	7.52	5.73	1.54	7.97	5.71	1.56	8.19	5.70	1.57
		10	5.99	4.86	1.51	6.67	4.89	1.53	6.90	5.31	1.54	7.36	5.33	1.56	7.58	5.76	1.56	8.04	5.74	1.58	8.27	5.73	1.59
		15	6.48	5.09	1.99	7.22	5.12	2.02	7.47	5.56	2.03	7.96	5.58	2.06	8.20	6.03	2.06	8.70	6.01	2.06	8.94	5.99	2.06
		20	6.94	5.29	1.99	7.73	5.33	2.02	8.00	5.79	2.03	8.52	5.81	2.06	8.79	6.27	2.06	9.31	6.25	2.06	9.58	6.24	2.06
		25	6.44	5.07	1.99	7.17	5.10	2.02	7.42	5.54	2.03	7.91	5.56	2.06	8.15	6.00	2.06	8.64	5.98	2.06	8.89	5.97	2.06
		30	5.83	4.78	1.99	6.49	4.81	2.02	6.72	5.23	2.03	7.16	5.25	2.06	7.38	5.67	2.06	7.82	5.65	2.06	8.04	5.64	2.06
		35	5.37	4.56	1.99	5.98	4.59	2.02	6.19	4.99	2.03	6.60	5.01	2.06	6.80	5.40	2.06	7.21	5.39	2.06	7.41	5.38	2.06
		40	4.80	4.27	1.95	5.35	4.30	1.98	5.53	4.67	1.99	5.90	4.69	2.01	6.08	5.06	2.02	6.44	5.05	2.06	6.63	5.04	2.06
		43	4.52	4.13	1.99	5.03	4.15	2.02	5.21	4.51	2.03	5.55	4.53	2.06	5.72	4.89	2.06	6.06	4.87	2.06	6.24	4.86	2.06
		46	3.86	3.86	1.88	4.30	3.92	1.88	4.45	4.26	1.88	4.74	4.27	1.88	4.89	4.61	1.88	5.18	4.60	1.88	5.33	4.59	1.88

TC : Total capacity (kW)
SHC : Sensible Heat capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A18L3

●INDOOR UNIT : 9000BTU + 9000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9+9+9 Outdoor temperature	-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
	43	4.52	3.97	1.99	5.03	4.00	2.02	5.21	4.34	2.03	5.55	4.36	2.06	5.72	4.71	2.06	6.06	4.69	2.06	6.24	4.68	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 : 12000BTU + 9000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+9+9 Outdoor temperature	-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
	43	4.52	4.02	1.99	5.03	4.05	2.02	5.21	4.40	2.03	5.55	4.41	2.06	5.72	4.76	2.06	6.06	4.75	2.06	6.24	4.74	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)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

Note: It is impossible to connect the indoor unit for one room only.

■MODEL : AO∗A24L3

●INDOOR UNIT : 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
7 Outdoor temperature	-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
	-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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	43	1.95	1.54	0.85	2.17	1.55	0.87	2.24	1.69	0.87	2.39	1.70	0.88	2.47	1.83	0.89	2.61	1.82	0.89	2.69	1.82	0.90
	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

●INDOOR UNIT : 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9 Outdoor temperature	-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
	-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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	43	2.36	1.81	1.24	2.63	1.82	1.26	2.72	1.98	1.27	2.90	1.98	1.28	2.99	2.14	1.29	3.17	2.13	1.30	3.26	2.13	1.31
	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

●INDOOR UNIT : 12000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12 Outdoor temperature	-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
	-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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	43	2.65	2.04	1.31	2.95	2.05	1.33	3.05	2.23	1.34	3.25	2.23	1.35	3.35	2.41	1.36	3.55	2.40	1.37	3.65	2.40	1.38
	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

●INDOOR UNIT : 14000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14 Outdoor temperature	-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
	43	3.43	2.68	1.61	3.82	2.69	1.63	3.95	2.93	1.64	4.21	2.94	1.66	4.34	3.17	1.66	4.60	3.16	1.68	4.73	3.15	1.69
	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

●INDOOR UNIT : 18000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
18 Outdoor temperature	-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
	43	4.00	2.97	2.23	4.46	2.98	2.27	4.61	3.24	2.28	4.92	3.26	2.30	5.07	3.51	2.31	5.37	3.50	2.34	5.52	3.50	2.35
	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

TC : Total capacity (kW)
SHC : Sensible Heat capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 7000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
7+7 Outdoor temperature	-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
	43	3.57	2.79	1.59	3.98	2.81	1.62	4.12	3.05	1.63	4.39	3.07	1.64	4.53	3.31	1.65	4.80	3.30	1.67	4.93	3.29	1.68
	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 : 9000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9+7 Outdoor temperature	-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
	43	4.08	3.10	2.03	4.54	3.12	2.06	4.69	3.39	2.07	5.00	3.41	2.09	5.16	3.68	2.10	5.47	3.67	2.12	5.62	3.66	2.13
	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 : 12000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+7 Outdoor temperature	-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
	43	4.36	3.30	2.24	4.86	3.32	2.28	5.02	3.61	2.29	5.35	3.63	2.31	5.52	3.91	2.32	5.85	3.90	2.35	6.02	3.89	2.40
	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 : 14000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+7 Outdoor temperature	-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
	43	4.78	3.74	2.32	5.32	3.76	2.40	5.50	4.08	2.40	5.87	4.10	2.40	6.05	4.43	2.40	6.41	4.41	2.40	6.59	4.40	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 : 18000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
18+7 Outdoor temperature	-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
	43	4.90	3.82	2.32	5.46	3.85	2.40	5.65	4.18	2.40	6.02	4.20	2.40	6.21	4.53	2.40	6.58	4.51	2.40	6.76	4.51	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

TC : Total capacity (kW)
SHC : Sensible Heat capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 9000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9+9 Outdoor temperature	-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
	43	4.43	3.36	2.32	4.94	3.39	2.40	5.11	3.68	2.40	5.44	3.69	2.40	5.61	3.99	2.40	5.95	3.97	2.40	6.12	3.97	2.40
	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 : 12000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+9 Outdoor temperature	-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
	43	4.51	3.48	2.32	5.03	3.50	2.40	5.20	3.80	2.40	5.54	3.82	2.40	5.71	4.12	2.40	6.05	4.10	2.40	6.22	4.10	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	3.76	1.88	4.84	3.75	1.88	4.97	3.74	1.88

●INDOOR UNIT : 14000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+9 Outdoor temperature	-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
	43	4.87	3.88	2.32	5.43	3.91	2.40	5.61	4.25	2.40	5.98	4.26	2.40	6.17	4.60	2.40	6.54	4.58	2.40	6.72	4.58	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 : 18000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
18+9 Outdoor temperature	-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
	43	4.97	3.94	2.32	5.53	3.96	2.40	5.72	4.31	2.40	6.10	4.32	2.40	6.29	4.67	2.40	6.66	4.65	2.40	6.85	4.64	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			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+12 Outdoor temperature	-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
	43	4.56	3.57	2.32	5.07	3.59	2.40	5.25	3.90	2.40	5.59	3.92	2.40	5.77	4.23	2.40	6.11	4.21	2.40	6.29	4.21	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

TC : Total capacity (kW)
SHC : Sensible Heat capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 14000BTU + 12000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+12 Outdoor temperature	-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
	43	4.90	3.95	2.32	5.46	3.98	2.40	5.65	4.32	2.40	6.02	4.34	2.40	6.21	4.68	2.40	6.58	4.67	2.40	6.76	4.66	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 : 18000BTU + 12000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
18+12 Outdoor temperature	-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
	43	4.97	3.98	2.32	5.53	4.01	2.40	5.72	4.35	2.40	6.10	4.37	2.40	6.29	4.72	2.40	6.66	4.70	2.40	6.85	4.69	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			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
7+7+7 Outdoor temperature	-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
	43	5.02	4.01	2.32	5.59	4.04	2.40	5.78	4.39	2.40	6.16	4.40	2.40	6.35	4.75	2.40	6.73	4.74	2.40	6.92	4.73	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 : 9000BTU + 7000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9+7+7 Outdoor temperature	-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
	43	5.10	4.15	2.32	5.68	4.18	2.40	5.88	4.54	2.40	6.27	4.55	2.40	6.46	4.92	2.40	6.85	4.90	2.40	7.04	4.89	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 : 12000BTU + 7000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+7+7 Outdoor temperature	-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
	43	5.14	4.23	2.32	5.73	4.26	2.40	5.92	4.63	2.40	6.31	4.65	2.40	6.51	5.02	2.40	6.90	5.00	2.40	7.10	4.99	2.40
	46	3.99	3.83	1.88	4.44	3.86	1.88	4.59	4.19	1.88	4.89	4.21	1.88	5.05	4.54	1.88	5.35	4.53	1.88	5.50	4.52	1.88

TC : Total capacity (kW)
SHC : Sensible Heat capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 14000BTU + 7000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+7+7 Outdoor temperature	-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	1.33	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
	43	5.28	4.50	2.32	5.88	4.53	2.40	6.08	4.92	2.40	6.48	4.94	2.40	6.68	5.34	2.40	7.08	5.32	2.40	7.29	5.31	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 : 18000BTU + 7000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
18+7+7 Outdoor temperature	-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
	43	5.34	4.55	2.32	5.95	4.57	2.40	6.15	4.97	2.40	6.56	4.99	2.40	6.76	5.39	2.40	7.17	5.37	2.40	7.37	5.36	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 : 9000BTU + 9000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9+9+7 Outdoor temperature	-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
	43	5.15	4.26	2.32	5.74	4.29	2.40	5.94	4.66	2.40	6.33	4.68	2.40	6.52	5.05	2.40	6.92	5.03	2.40	7.11	5.02	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 : 12000BTU + 9000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+9+7 Outdoor temperature	-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
	43	5.15	4.31	2.32	5.74	4.34	2.40	5.94	4.71	2.40	6.33	4.73	2.40	6.52	5.11	2.40	6.92	5.09	2.40	7.11	5.08	2.40
	46	4.00	3.90	1.88	4.45	3.93	1.88	4.60	4.27	1.88	4.91	4.28	1.88	5.06	4.62	1.88	5.36	4.61	1.88	5.51	4.60	1.88

●INDOOR UNIT : 14000BTU + 9000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+9+7 Outdoor temperature	-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
	43	5.28	4.59	2.32	5.88	4.61	2.40	6.08	5.01	2.40	6.48	5.03	2.40	6.68	5.43	2.40	7.08	5.41	2.40	7.29	5.40	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

TC : Total capacity (kW)
SHC : Sensible Heat capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 18000BTU + 9000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
18+9+7 Outdoor temperature	-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	7.49	5.33	1.63	7.75	5.79	1.64	8.26	5.81	1.66	8.52	6.27	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
	43	5.34	4.63	2.32	5.95	4.66	2.40	6.15	5.06	2.40	6.56	5.08	2.40	6.76	5.49	2.40	7.17	5.47	2.40	7.37	5.46	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 : 12000BTU + 12000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+12+7 Outdoor temperature	-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
	43	5.15	4.35	2.32	5.74	4.38	2.40	5.94	4.76	2.40	6.33	4.78	2.40	6.52	5.16	2.40	6.92	5.14	2.40	7.11	5.13	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 : 14000BTU + 12000BTU + 7000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+12+7 Outdoor temperature	-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
	43	5.34	4.69	2.32	5.95	4.72	2.40	6.15	5.13	2.40	6.56	5.15	2.40	6.76	5.56	2.40	7.17	5.54	2.40	7.37	5.53	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

●INDOOR UNIT : 9000BTU + 9000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
9+9+9 Outdoor temperature	-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
	-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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	43	5.15	4.33	2.32	5.74	4.36	2.40	5.94	4.73	2.40	6.33	4.75	2.40	6.52	5.13	2.40	6.92	5.11	2.40	7.11	5.10	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

●INDOOR UNIT : 12000BTU + 9000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+9+9 Outdoor temperature	-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
	-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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	43	5.22	4.43	2.32	5.81	4.46	2.40	6.01	4.84	2.40	6.41	4.86	2.40	6.60	5.25	2.40	7.00	5.23	2.40	7.20	5.22	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

TC : Total capacity (kW)
SHC : Sensible Heat capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 14000BTU + 9000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+9+9 Outdoor temperature	-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
	-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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	43	5.34	4.71	2.32	5.95	4.74	2.40	6.15	5.15	2.40	6.56	5.17	2.40	6.76	5.58	2.40	7.17	5.56	2.40	7.37	5.55	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

●INDOOR UNIT : 18000BTU + 9000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
18+9+9 Outdoor temperature	-10	7.14	5.56	1.29	7.96	5.60	1.31	8.23	6.09	1.31	8.77	6.11	1.33	9.04	6.59	1.33	9.59	6.57	1.35	9.86	6.56	1.35
	-5	6.85	5.43	1.46	7.63	5.46	1.48	7.89	5.94	1.49	8.41	5.96	1.50	8.67	6.43	1.51	9.19	6.41	1.53	9.45	6.40	1.53
	0	6.73	5.37	1.61	7.49	5.41	1.63	7.75	5.88	1.64	8.26	5.90	1.66	8.52	6.37	1.67	9.03	6.35	1.68	9.28	6.33	1.69
	5	6.67	5.35	1.65	7.43	5.38	1.68	7.68	5.85	1.69	8.19	5.87	1.70	8.44	6.34	1.71	8.95	6.31	1.73	9.20	6.30	1.74
	10	7.27	5.62	1.97	8.10	5.66	2.00	8.38	6.15	2.01	8.93	6.17	2.03	9.20	6.66	2.05	9.76	6.64	2.07	10.03	6.63	2.08
	15	7.08	5.53	2.05	7.88	5.57	2.08	8.15	6.05	2.09	8.69	6.08	2.11	8.96	6.56	2.12	9.50	6.54	2.15	9.77	6.52	2.16
	20	7.73	5.82	2.35	8.61	5.86	2.38	8.90	6.37	2.39	9.49	6.39	2.42	9.78	6.90	2.43	10.37	6.88	2.46	10.66	6.86	2.47
	25	7.48	5.72	2.38	8.34	5.75	2.41	8.62	6.25	2.42	9.19	6.28	2.45	9.47	6.77	2.46	10.04	6.75	2.49	10.33	6.74	2.50
	30	7.09	5.54	2.61	7.90	5.58	2.65	8.17	6.06	2.66	8.71	6.08	2.69	8.98	6.57	2.70	9.52	6.54	2.73	9.79	6.53	2.75
	35	6.72	5.37	2.77	7.48	5.40	2.87	7.74	5.87	2.87	8.25	5.89	2.87	8.50	6.36	2.87	9.01	6.34	2.87	9.27	6.33	2.87
	40	5.60	4.83	2.32	6.24	4.86	2.40	6.45	5.28	2.40	6.87	5.30	2.40	7.09	5.73	2.40	7.51	5.70	2.40	7.73	5.69	2.40
	43	5.34	4.70	2.32	5.95	4.73	2.40	6.15	5.14	2.40	6.56	5.16	2.40	6.76	5.57	2.40	7.17	5.55	2.40	7.37	5.54	2.40
	46	4.14	4.14	1.88	4.61	4.28	1.88	4.77	4.66	1.88	5.09	4.67	1.88	5.24	5.04	1.88	5.56	5.03	1.88	5.71	5.02	1.88

●INDOOR UNIT : 12000BTU + 12000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+12+9 Outdoor temperature	-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
	43	5.22	4.48	2.32	5.81	4.51	2.40	6.01	4.90	2.40	6.41	4.92	2.40	6.60	5.31	2.40	7.00	5.30	2.40	7.20	5.29	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 : 14000BTU + 12000BTU + 9000BTU

		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14+12+9 Outdoor temperature	-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
	43	5.34	4.76	2.32	5.95	4.79	2.40	6.15	5.21	2.40	6.56	5.23	2.40	6.76	5.64	2.40	7.17	5.62	2.40	7.37	5.61	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			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
12+12+12 Outdoor temperature	-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
	43	5.22	4.53	2.32	5.81	4.56	2.40	6.01	4.96	2.40	6.41	4.98	2.40	6.60	5.37	2.40	7.00	5.35	2.40	7.20	5.34	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)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

6-3. HEATING CAPACITY

Note: It is impossible to connect the indoor unit for one room only.

■MODEL : AO∗A18L3

●INDOOR UNIT : 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
	Outdoor temperature	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
7		-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											
		°CDB		16		18		20		22		24	
	Outdoor temperature	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9		-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											
		°CDB		16		18		20		22		24	
	Outdoor temperature	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12		-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											
		°CDB		16		18		20		22		24	
	Outdoor temperature	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14		-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)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A18L3

●INDOOR UNIT : 7000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
7+7	Outdoor temperature	-15	-16	3.78	1.98	3.69	2.02	3.60	2.06	3.51	2.06	3.42	2.06
		-10	-11	4.26	1.98	4.16	2.02	4.06	2.06	3.96	2.06	3.86	2.06
		-5	-7	4.80	1.98	4.68	2.02	4.57	2.06	4.45	2.06	4.34	2.06
		0	-2	5.41	1.94	5.28	1.98	5.15	2.02	5.02	2.06	4.89	2.06
		5	3	6.02	1.85	5.88	1.89	5.73	1.93	5.59	1.97	5.45	2.01
		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	1.96	6.01	2.00	5.85	2.06
		15	10	6.53	1.94	6.38	1.98	6.22	2.02	6.07	2.06	5.91	2.06
		20	15	6.41	1.61	6.25	1.64	6.10	1.67	5.95	1.71	5.80	1.74

●INDOOR UNIT : 9000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9+7	Outdoor temperature	-15	-16	3.82	1.98	3.72	2.02	3.63	2.06	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	1.98	5.44	2.02	5.31	2.06	5.18	2.06	5.05	2.06
		5	3	6.32	1.98	6.17	2.02	6.02	2.06	5.87	2.06	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	1.85	6.56	1.89	6.40	1.92	6.24	1.96	6.08	2.00

●INDOOR UNIT : 12000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+7	Outdoor temperature	-15	-16	3.94	1.98	3.85	2.02	3.75	2.06	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	1.98	5.55	2.02	5.41	2.06	5.27	2.06	5.14	2.06
		5	3	6.42	1.98	6.26	2.02	6.11	2.06	5.96	2.06	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	1.98	6.66	2.02	6.50	2.06	6.34	2.06	6.18	2.06

●INDOOR UNIT : 14000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+7	Outdoor temperature	-15	-16	4.34	1.98	4.24	2.02	4.13	2.06	4.03	2.06	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	1.98	6.06	2.02	5.91	2.06	5.76	2.06	5.61	2.06
		5	3	7.01	1.98	6.84	2.02	6.67	2.06	6.51	2.06	6.34	2.06
		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	1.98	7.42	2.02	7.24	2.06	7.06	2.06	6.88	2.06
		20	15	7.46	1.98	7.28	2.02	7.10	2.06	6.92	2.06	6.75	2.06

TC : Total capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A18L3

●INDOOR UNIT : 9000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9+9	Outdoor temperature	-15	-16	3.89	1.98	3.80	2.02	3.71	2.06	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	1.98	5.53	2.02	5.40	2.06	5.26	2.06	5.13	2.06
		5	3	6.42	1.98	6.26	2.02	6.11	2.06	5.96	2.06	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	1.98	6.66	2.02	6.50	2.06	6.34	2.06	6.18	2.06

●INDOOR UNIT : 12000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+9	Outdoor temperature	-15	-16	3.96	1.98	3.87	2.02	3.77	2.06	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	1.98	5.61	2.02	5.48	2.06	5.34	2.06	5.20	2.06
		5	3	6.51	1.98	6.36	2.02	6.20	2.06	6.05	2.06	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	1.98	6.90	2.02	6.73	2.06	6.56	2.06	6.40	2.06
		20	15	6.93	1.98	6.77	2.02	6.60	2.06	6.44	2.06	6.27	2.06

●INDOOR UNIT : 14000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+9	Outdoor temperature	-15	-16	4.38	1.98	4.28	2.02	4.17	2.06	4.07	2.06	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	1.98	6.13	2.02	5.98	2.06	5.83	2.06	5.68	2.06
		5	3	7.11	1.98	6.94	2.02	6.77	2.06	6.60	2.06	6.43	2.06
		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	1.98	7.53	2.02	7.34	2.06	7.16	2.06	6.98	2.06
		20	15	7.56	1.98	7.38	2.02	7.20	2.06	7.02	2.06	6.84	2.06

●INDOOR UNIT : 12000BTU + 12000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+12	Outdoor temperature	-15	-16	3.81	1.98	3.72	2.02	3.63	2.06	3.54	2.06	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	1.98	5.61	2.02	5.48	2.06	5.34	2.06	5.20	2.06
		5	3	6.51	1.98	6.36	2.02	6.20	2.06	6.05	2.06	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	1.98	6.90	2.02	6.73	2.06	6.56	2.06	6.40	2.06
		20	15	6.93	1.98	6.77	2.02	6.60	2.06	6.44	2.06	6.27	2.06

TC : Total capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A18L3

●INDOOR UNIT : 14000BTU + 12000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
	Outdoor temperature	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+12		-15	-16	4.22	1.98	4.12	2.02	4.02	2.06	3.91	2.06	3.81	2.06
		-10	-11	4.91	1.98	4.79	2.02	4.67	2.06	4.56	2.06	4.44	2.06
		-5	-7	5.56	1.98	5.42	2.02	5.29	2.06	5.16	2.06	5.03	2.06
		0	-2	6.36	1.98	6.21	2.02	6.06	2.06	5.91	2.06	5.76	2.06
		5	3	7.21	1.98	7.03	2.02	6.86	2.06	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	1.98	7.56	2.02	7.37	2.06	7.19	2.06	7.00	2.06
		15	10	7.82	1.98	7.63	2.02	7.45	2.06	7.26	2.06	7.07	2.06
		20	15	7.67	1.98	7.48	2.02	7.30	2.06	7.12	2.06	6.94	2.06

●INDOOR UNIT : 7000BTU + 7000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
	Outdoor temperature	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
7+7+7		-15	-16	4.61	1.98	4.50	2.02	4.39	2.06	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	1.98	6.63	2.02	6.47	2.06	6.31	2.06	6.14	2.06
		5	3	7.60	1.98	7.42	2.02	7.24	2.06	7.06	2.06	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	1.98	8.52	2.02	8.32	2.06	8.11	2.06	7.90	2.06
		20	15	9.06	1.98	8.84	2.02	8.62	2.06	8.41	2.06	8.19	2.06

●INDOOR UNIT : 9000BTU + 7000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
	Outdoor temperature	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9+7+7		-15	-16	4.67	1.98	4.56	2.02	4.45	2.06	4.33	2.06	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	1.98	6.72	2.02	6.55	2.06	6.39	2.06	6.22	2.06
		5	3	7.70	1.98	7.52	2.02	7.33	2.06	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	1.98	8.31	2.02	8.11	2.06	7.91	2.06	7.71	2.06
		15	10	8.85	1.98	8.63	2.02	8.42	2.06	8.21	2.06	8.00	2.06
		20	15	9.17	1.98	8.95	2.02	8.74	2.06	8.52	2.06	8.30	2.06

●INDOOR UNIT : 12000BTU + 7000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
	Outdoor temperature	°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+7+7		-15	-16	4.67	1.98	4.56	2.02	4.45	2.06	4.33	2.06	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	1.98	6.72	2.02	6.55	2.06	6.39	2.06	6.22	2.06
		5	3	7.70	1.98	7.52	2.02	7.33	2.06	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	1.98	8.31	2.02	8.11	2.06	7.91	2.06	7.71	2.06
		15	10	8.85	1.98	8.63	2.02	8.42	2.06	8.21	2.06	8.00	2.06
		20	15	9.17	1.98	8.95	2.02	8.74	2.06	8.52	2.06	8.30	2.06

TC : Total capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A18L3

●INDOOR UNIT : 14000BTU + 7000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+7+7	Outdoor temperature	-15	-16	4.79	1.98	4.67	2.02	4.56	2.06	4.45	2.06	4.33	2.06
		-10	-11	5.54	1.98	5.41	2.02	5.28	2.06	5.15	2.06	5.02	2.06
		-5	-7	6.22	1.98	6.07	2.02	5.92	2.06	5.77	2.06	5.62	2.06
		0	-2	7.06	1.98	6.89	2.02	6.72	2.06	6.55	2.06	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	1.98	8.86	2.02	8.64	2.06	8.42	2.06	8.21	2.06
		20	15	9.41	1.98	9.18	2.02	8.96	2.06	8.74	2.06	8.51	2.06

●INDOOR UNIT : 9000BTU + 9000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9+9+7	Outdoor temperature	-15	-16	4.67	1.98	4.56	2.02	4.45	2.06	4.33	2.06	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	1.98	6.72	2.02	6.55	2.06	6.39	2.06	6.22	2.06
		5	3	7.70	1.98	7.52	2.02	7.33	2.06	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	1.98	8.31	2.02	8.11	2.06	7.91	2.06	7.71	2.06
		15	10	8.85	1.98	8.63	2.02	8.42	2.06	8.21	2.06	8.00	2.06
		20	15	9.17	1.98	8.95	2.02	8.74	2.06	8.52	2.06	8.30	2.06

●INDOOR UNIT : 12000BTU + 9000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+9+7	Outdoor temperature	-15	-16	4.73	1.98	4.62	2.02	4.50	2.06	4.39	2.06	4.28	2.06
		-10	-11	5.47	1.98	5.34	2.02	5.21	2.06	5.08	2.06	4.95	2.06
		-5	-7	6.14	1.98	5.99	2.02	5.85	2.06	5.70	2.06	5.55	2.06
		0	-2	6.97	1.98	6.80	2.02	6.64	2.06	6.47	2.06	6.30	2.06
		5	3	7.80	1.98	7.61	2.02	7.43	2.06	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	1.98	8.42	2.02	8.22	2.06	8.01	2.06	7.81	2.06
		15	10	8.96	1.98	8.75	2.02	8.53	2.06	8.32	2.06	8.11	2.06
		20	15	9.29	1.98	9.07	2.02	8.85	2.06	8.63	2.06	8.41	2.06

●INDOOR UNIT : 14000BTU + 9000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+9+7	Outdoor temperature	-15	-16	4.79	1.98	4.67	2.02	4.56	2.06	4.45	2.06	4.33	2.06
		-10	-11	5.54	1.98	5.41	2.02	5.28	2.06	5.15	2.06	5.02	2.06
		-5	-7	6.22	1.98	6.07	2.02	5.92	2.06	5.77	2.06	5.62	2.06
		0	-2	7.06	1.98	6.89	2.02	6.72	2.06	6.55	2.06	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	1.98	8.86	2.02	8.64	2.06	8.42	2.06	8.21	2.06
		20	15	9.41	1.98	9.18	2.02	8.96	2.06	8.74	2.06	8.51	2.06

TC : Total capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A18L3

●INDOOR UNIT : 9000BTU + 9000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9+9+9	Outdoor temperature	-15	-16	4.73	1.98	4.62	2.02	4.50	2.06	4.39	2.06	4.28	2.06
		-10	-11	5.47	1.98	5.34	2.02	5.21	2.06	5.08	2.06	4.95	2.06
		-5	-7	6.14	1.98	5.99	2.02	5.85	2.06	5.70	2.06	5.55	2.06
		0	-2	6.97	1.98	6.80	2.02	6.64	2.06	6.47	2.06	6.30	2.06
		5	3	7.80	1.98	7.61	2.02	7.43	2.06	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	1.98	8.42	2.02	8.22	2.06	8.01	2.06	7.81	2.06
		15	10	8.96	1.98	8.75	2.02	8.53	2.06	8.32	2.06	8.11	2.06
		20	15	9.29	1.98	9.07	2.02	8.85	2.06	8.63	2.06	8.41	2.06

●INDOOR UNIT : 12000BTU + 9000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+9+9	Outdoor temperature	-15	-16	4.73	1.98	4.62	2.02	4.50	2.06	4.39	2.06	4.28	2.06
		-10	-11	5.47	1.98	5.34	2.02	5.21	2.06	5.08	2.06	4.95	2.06
		-5	-7	6.14	1.98	5.99	2.02	5.85	2.06	5.70	2.06	5.55	2.06
		0	-2	6.97	1.98	6.80	2.02	6.64	2.06	6.47	2.06	6.30	2.06
		5	3	7.80	1.98	7.61	2.02	7.43	2.06	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	1.98	8.42	2.02	8.22	2.06	8.01	2.06	7.81	2.06
		15	10	8.96	1.98	8.75	2.02	8.53	2.06	8.32	2.06	8.11	2.06
		20	15	9.29	1.98	9.07	2.02	8.85	2.06	8.63	2.06	8.41	2.06

TC : Total capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

Note: It is impossible to connect the indoor unit for one room only.

■MODEL : AO∗A24L3

●INDOOR UNIT : 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
7	Outdoor temperature	-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											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9	Outdoor temperature	-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											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12	Outdoor temperature	-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											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14	Outdoor temperature	-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)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

Note: It is impossible to connect the indoor unit for one room only.

■MODEL : AO∗A24L3

●INDOOR UNIT : 18000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	Outdoor temperature	-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											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
7+7	Outdoor temperature	-15	-16	3.85	2.09	3.76	2.13	3.66	2.18	3.57	2.22	3.48	2.26
		-10	-11	4.55	2.21	4.45	2.25	4.34	2.30	4.23	2.34	4.12	2.39
		-5	-7	5.00	2.14	4.88	2.19	4.76	2.23	4.65	2.27	4.53	2.32
		0	-2	5.54	2.01	5.41	2.06	5.28	2.10	5.15	2.14	5.01	2.18
		5	3	6.02	1.85	5.88	1.89	5.73	1.93	5.59	1.97	5.45	2.01
		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	1.96	6.27	2.00	6.11	2.04
		15	10	7.44	1.94	7.26	1.98	7.09	2.02	6.91	2.06	6.73	2.10
		20	15	6.77	1.61	6.61	1.64	6.45	1.67	6.29	1.71	6.12	1.74

●INDOOR UNIT : 9000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9+7	Outdoor temperature	-15	-16	4.31	2.53	4.21	2.58	4.10	2.63	4.00	2.68	3.90	2.74
		-10	-11	5.09	2.68	4.97	2.74	4.85	2.79	4.72	2.87	4.60	2.87
		-5	-7	5.59	2.66	5.46	2.72	5.33	2.78	5.19	2.87	5.06	2.87
		0	-2	6.25	2.51	6.11	2.56	5.96	2.61	5.81	2.67	5.66	2.72
		5	3	6.91	2.42	6.74	2.47	6.58	2.52	6.42	2.57	6.25	2.62
		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	2.47	7.55	2.52	7.36	2.57	7.18	2.62	7.00	2.67
		15	10	7.78	2.13	7.60	2.18	7.41	2.22	7.23	2.27	7.04	2.31
		20	15	7.18	1.83	7.01	1.87	6.84	1.91	6.67	1.95	6.50	1.99

●INDOOR UNIT : 12000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+7	Outdoor temperature	-15	-16	4.58	2.76	4.47	2.87	4.36	2.87	4.25	2.87	4.14	2.87
		-10	-11	5.33	2.76	5.20	2.87	5.08	2.87	4.95	2.87	4.82	2.87
		-5	-7	5.90	2.76	5.76	2.87	5.62	2.87	5.48	2.87	5.34	2.87
		0	-2	6.64	2.76	6.48	2.87	6.32	2.87	6.16	2.87	6.00	2.87
		5	3	7.21	2.55	7.03	2.61	6.86	2.66	6.69	2.71	6.52	2.77
		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	2.61	7.85	2.66	7.66	2.72	7.47	2.77	7.28	2.87
		15	10	8.06	2.25	7.87	2.30	7.68	2.35	7.49	2.39	7.30	2.44
		20	15	7.84	2.01	7.66	2.05	7.47	2.09	7.28	2.13	7.10	2.18

TC : Total capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 14000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+7	Outdoor temperature	-15	-16	4.90	2.57	4.78	2.62	4.66	2.68	4.55	2.73	4.43	2.79
		-10	-11	5.75	2.76	5.61	2.87	5.47	2.87	5.34	2.87	5.20	2.87
		-5	-7	6.51	2.76	6.35	2.87	6.20	2.87	6.04	2.87	5.89	2.87
		0	-2	7.31	2.76	7.14	2.87	6.97	2.87	6.79	2.87	6.62	2.87
		5	3	8.19	2.76	8.00	2.87	7.80	2.87	7.61	2.87	7.41	2.87
		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	2.76	8.83	2.87	8.61	2.87	8.40	2.87	8.18	2.87
		15	10	8.96	2.29	8.75	2.34	8.53	2.39	8.32	2.44	8.11	2.48
		20	15	8.52	2.04	8.32	2.08	8.12	2.12	7.91	2.16	7.71	2.20

●INDOOR UNIT : 18000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18+7	Outdoor temperature	-15	-16	4.94	2.54	4.82	2.59	4.70	2.65	4.58	2.70	4.47	2.75
		-10	-11	5.79	2.76	5.65	2.87	5.51	2.87	5.38	2.87	5.24	2.87
		-5	-7	6.54	2.76	6.38	2.87	6.23	2.87	6.07	2.87	5.91	2.87
		0	-2	7.38	2.76	7.21	2.87	7.03	2.87	6.86	2.87	6.68	2.87
		5	3	8.23	2.76	8.03	2.87	7.84	2.87	7.64	2.87	7.44	2.87
		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	2.76	8.81	2.87	8.60	2.87	8.38	2.87	8.17	2.87
		15	10	8.98	2.33	8.77	2.38	8.56	2.43	8.34	2.48	8.13	2.53
		20	15	8.72	2.07	8.51	2.11	8.30	2.16	8.09	2.20	7.89	2.24

●INDOOR UNIT : 9000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9+9	Outdoor temperature	-15	-16	4.55	2.76	4.44	2.87	4.34	2.87	4.23	2.87	4.12	2.87
		-10	-11	5.35	2.76	5.22	2.87	5.10	2.87	4.97	2.87	4.84	2.87
		-5	-7	5.89	2.76	5.75	2.87	5.61	2.87	5.47	2.87	5.33	2.87
		0	-2	6.60	2.66	6.44	2.72	6.28	2.78	6.12	2.87	5.97	2.87
		5	3	7.30	2.57	7.13	2.63	6.96	2.68	6.78	2.73	6.61	2.79
		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	2.62	7.97	2.68	7.78	2.73	7.59	2.79	7.39	2.87
		15	10	8.26	2.29	8.06	2.33	7.87	2.38	7.67	2.43	7.47	2.48
		20	15	7.33	1.81	7.15	1.85	6.98	1.89	6.81	1.93	6.63	1.96

●INDOOR UNIT : 12000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+9	Outdoor temperature	-15	-16	4.62	2.76	4.51	2.87	4.40	2.87	4.29	2.87	4.18	2.87
		-10	-11	5.44	2.76	5.31	2.87	5.18	2.87	5.05	2.87	4.92	2.87
		-5	-7	6.02	2.76	5.88	2.87	5.74	2.87	5.59	2.87	5.45	2.87
		0	-2	6.79	2.76	6.63	2.87	6.47	2.87	6.30	2.87	6.14	2.87
		5	3	7.60	2.76	7.42	2.87	7.24	2.87	7.06	2.87	6.88	2.87
		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	2.76	8.19	2.87	7.99	2.87	7.79	2.87	7.59	2.87
		15	10	8.44	2.34	8.24	2.39	8.04	2.44	7.84	2.49	7.64	2.53
		20	15	7.39	1.83	7.21	1.87	7.03	1.91	6.86	1.95	6.68	1.98

TC : Total capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 14000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+9	Outdoor temperature	-15	-16	4.91	2.58	4.79	2.64	4.67	2.69	4.56	2.75	4.44	2.80
		-10	-11	5.76	2.76	5.63	2.87	5.49	2.87	5.35	2.87	5.21	2.87
		-5	-7	6.53	2.76	6.37	2.87	6.22	2.87	6.06	2.87	5.91	2.87
		0	-2	7.35	2.76	7.18	2.87	7.00	2.87	6.83	2.87	6.65	2.87
		5	3	8.22	2.76	8.02	2.87	7.83	2.87	7.63	2.87	7.43	2.87
		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	2.76	8.87	2.87	8.66	2.87	8.44	2.87	8.22	2.87
		15	10	9.05	2.35	8.84	2.40	8.62	2.45	8.40	2.50	8.19	2.55
		20	15	8.77	2.10	8.56	2.14	8.35	2.18	8.14	2.23	7.94	2.27

●INDOOR UNIT : 18000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18+9	Outdoor temperature	-15	-16	4.99	2.51	4.88	2.56	4.76	2.61	4.64	2.67	4.52	2.72
		-10	-11	5.86	2.66	5.72	2.72	5.58	2.77	5.45	2.87	5.31	2.87
		-5	-7	6.63	2.76	6.47	2.87	6.31	2.87	6.15	2.87	6.00	2.87
		0	-2	7.54	2.76	7.36	2.87	7.18	2.87	7.00	2.87	6.82	2.87
		5	3	8.39	2.76	8.19	2.87	7.99	2.87	7.79	2.87	7.59	2.87
		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	2.76	9.03	2.87	8.81	2.87	8.59	2.87	8.37	2.87
		15	10	9.16	2.29	8.94	2.34	8.73	2.38	8.51	2.43	8.29	2.48
		20	15	8.93	2.07	8.72	2.12	8.51	2.16	8.29	2.20	8.08	2.25

●INDOOR UNIT : 12000BTU + 12000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+12	Outdoor temperature	-15	-16	4.66	2.76	4.55	2.87	4.44	2.87	4.33	2.87	4.22	2.87
		-10	-11	5.49	2.76	5.36	2.87	5.23	2.87	5.09	2.87	4.96	2.87
		-5	-7	6.08	2.76	5.94	2.87	5.79	2.87	5.65	2.87	5.50	2.87
		0	-2	6.86	2.76	6.70	2.87	6.53	2.87	6.37	2.87	6.21	2.87
		5	3	7.70	2.76	7.52	2.87	7.34	2.87	7.15	2.87	6.97	2.87
		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	2.76	8.35	2.87	8.15	2.87	7.94	2.87	7.74	2.87
		15	10	8.56	2.34	8.35	2.38	8.15	2.43	7.94	2.48	7.74	2.53
		20	15	8.25	2.09	8.05	2.13	7.85	2.17	7.66	2.22	7.46	2.26

●INDOOR UNIT : 14000BTU + 12000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+12	Outdoor temperature	-15	-16	4.91	2.56	4.80	2.61	4.68	2.66	4.56	2.72	4.45	2.77
		-10	-11	5.78	2.76	5.64	2.87	5.50	2.87	5.37	2.87	5.23	2.87
		-5	-7	6.55	2.76	6.39	2.87	6.24	2.87	6.08	2.87	5.93	2.87
		0	-2	7.43	2.76	7.25	2.87	7.08	2.87	6.90	2.87	6.72	2.87
		5	3	8.29	2.76	8.09	2.87	7.90	2.87	7.70	2.87	7.50	2.87
		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	2.76	8.93	2.87	8.71	2.87	8.49	2.87	8.28	2.87
		15	10	9.12	2.32	8.90	2.37	8.69	2.42	8.47	2.47	8.25	2.51
		20	15	8.83	2.07	8.62	2.11	8.41	2.15	8.20	2.20	7.99	2.24

TC : Total capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 18000BTU + 12000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18+12	Outdoor temperature	-15	-16	5.03	2.51	4.91	2.57	4.79	2.62	4.67	2.67	4.55	2.72
		-10	-11	5.91	2.66	5.77	2.72	5.63	2.77	5.49	2.87	5.35	2.87
		-5	-7	6.68	2.76	6.52	2.87	6.37	2.87	6.21	2.87	6.05	2.87
		0	-2	7.61	2.76	7.43	2.87	7.25	2.87	7.07	2.87	6.89	2.87
		5	3	8.49	2.76	8.29	2.87	8.08	2.87	7.88	2.87	7.68	2.87
		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	2.76	9.19	2.87	8.96	2.87	8.74	2.87	8.51	2.87
		15	10	9.31	2.30	9.09	2.35	8.86	2.40	8.64	2.45	8.42	2.50
		20	15	9.06	2.08	8.85	2.13	8.63	2.17	8.42	2.21	8.20	2.26

●INDOOR UNIT : 7000BTU + 7000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
7+7+7	Outdoor temperature	-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 : 9000BTU + 7000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9+7+7	Outdoor temperature	-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 : 12000BTU + 7000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+7+7	Outdoor temperature	-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)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 14000BTU + 7000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+7+7	Outdoor temperature	-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 : 18000BTU + 7000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18+7+7	Outdoor temperature	-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 + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9+9+7	Outdoor temperature	-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 : 12000BTU + 9000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12-9+7	Outdoor temperature	-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)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 14000BTU + 9000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+9+7	Outdoor temperature	-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 : 18000BTU + 9000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18+9+7	Outdoor temperature	-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 + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+12+7	Outdoor temperature	-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 : 14000BTU + 12000BTU + 7000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+12+7	Outdoor temperature	-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)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 9000BTU + 9000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
9+9+9	Outdoor temperature	-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 : 12000BTU + 9000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+9+9	Outdoor temperature	-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 : 14000BTU + 9000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+9+9	Outdoor temperature	-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 : 18000BTU + 9000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18+9+9	Outdoor temperature	-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

TC : Total capacity (kW)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

■MODEL : AO∗A24L3

●INDOOR UNIT : 12000BTU + 12000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+12+9	Outdoor temperature	-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 : 14000BTU + 12000BTU + 9000BTU

		Indoor temperature											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
14+12+9	Outdoor temperature	-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											
		°CDB		16		18		20		22		24	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
12+12+12	Outdoor temperature	-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)
PI : Power Input (kW)

MULTI TYPE
3ROOM TYPE

7. FAN PERFORMANCE

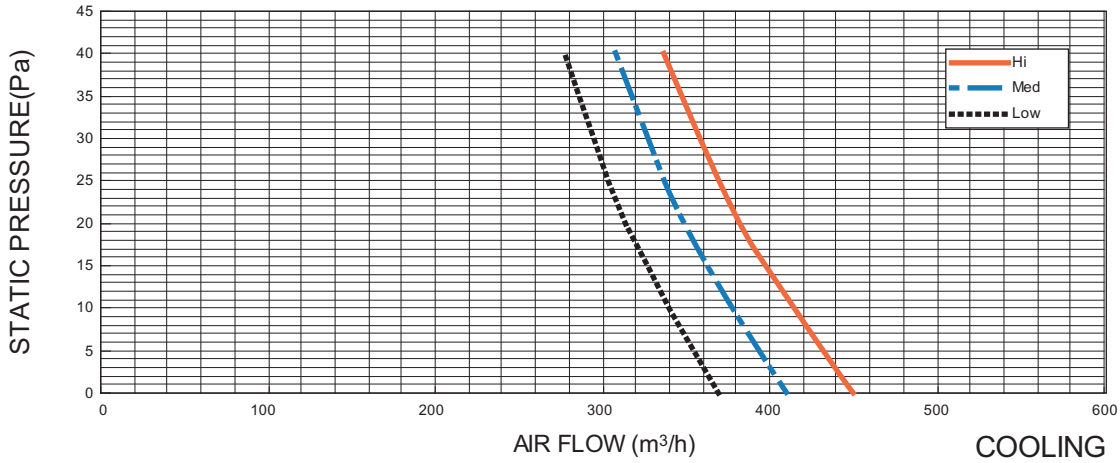
7-1. FAN PERFORMANCE AND CAPACITY

7-1-1. NORMAL MODE

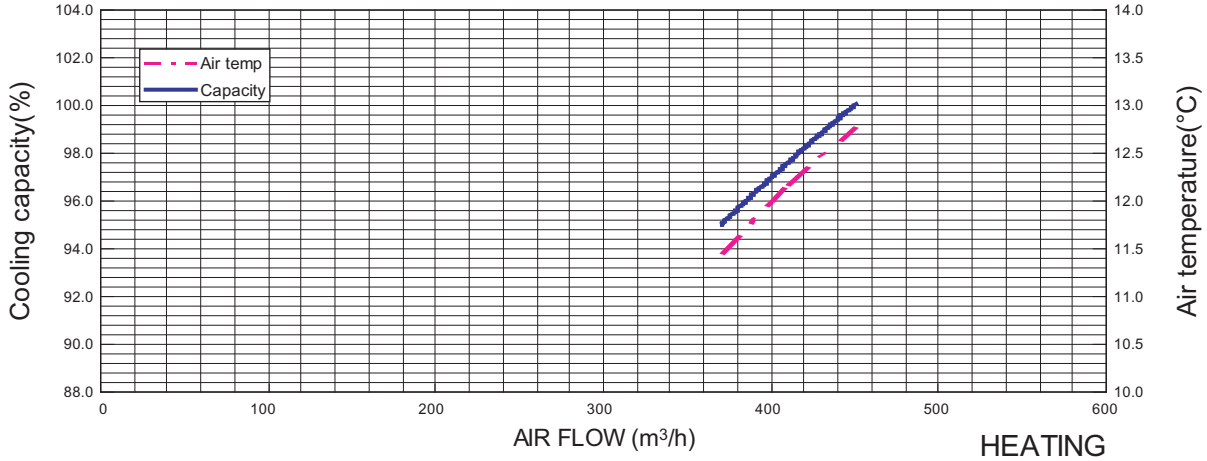
■MODEL : AR ✳9L

			Static pressure (Pa)		
			0	20	40
FAN SPEED	Hi	m^3/h	450	383	338
		l/s	125	106	94
		CFM	265	225	199
	Med	m^3/h	410	349	308
		l/s	114	97	85
		CFM	241	205	181
	Low	m^3/h	370	315	278
		l/s	103	87	77
		CFM	218	185	163

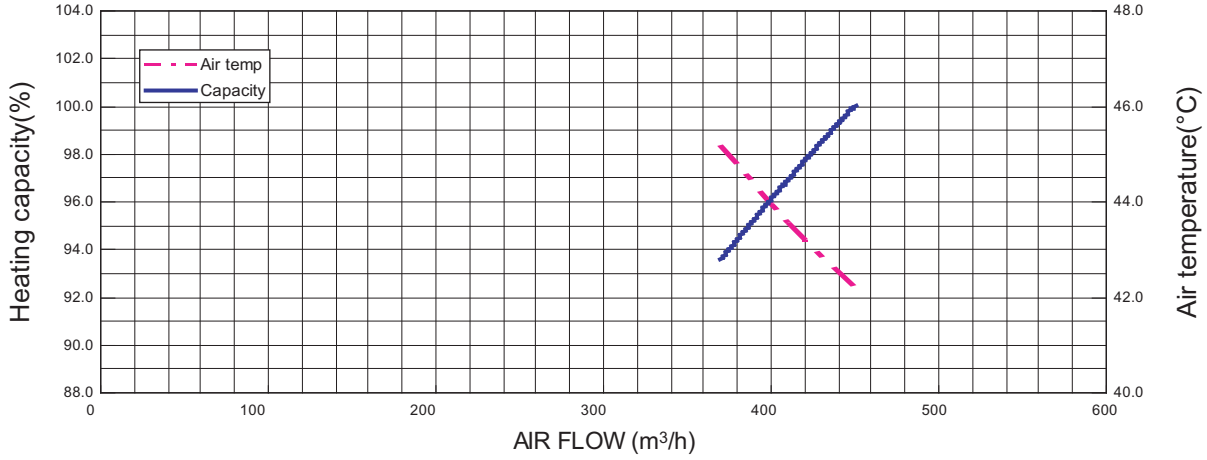
Q-h Characteristic curve



COOLING



HEATING

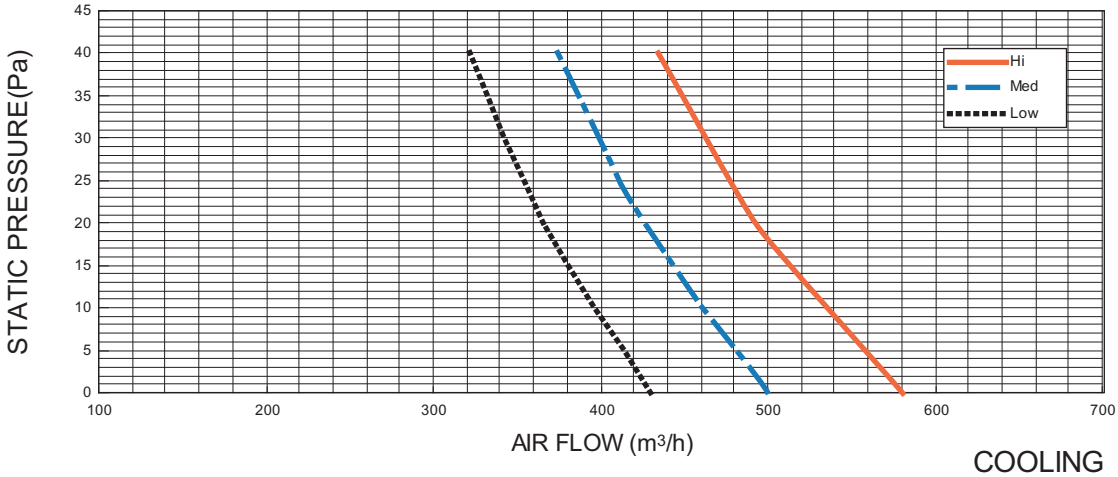


MULTI TYPE
3ROOM TYPE

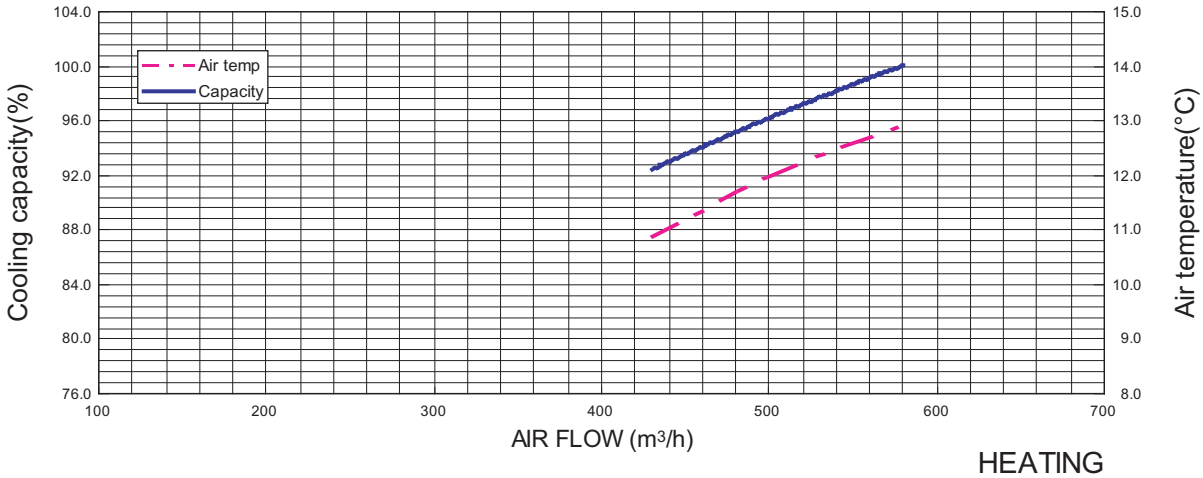
■MODEL : AR＊12L

			Static pressure (Pa)		
			0	20	40
FAN SPEED	Hi	m^3/h	580	493	435
		l/s	161	137	121
		CFM	341	290	256
	Med	m^3/h	500	425	375
		l/s	139	118	104
		CFM	294	250	221
	Low	m^3/h	430	366	323
		l/s	119	102	90
		CFM	253	215	190

Q-h Characteristic curve



COOLING



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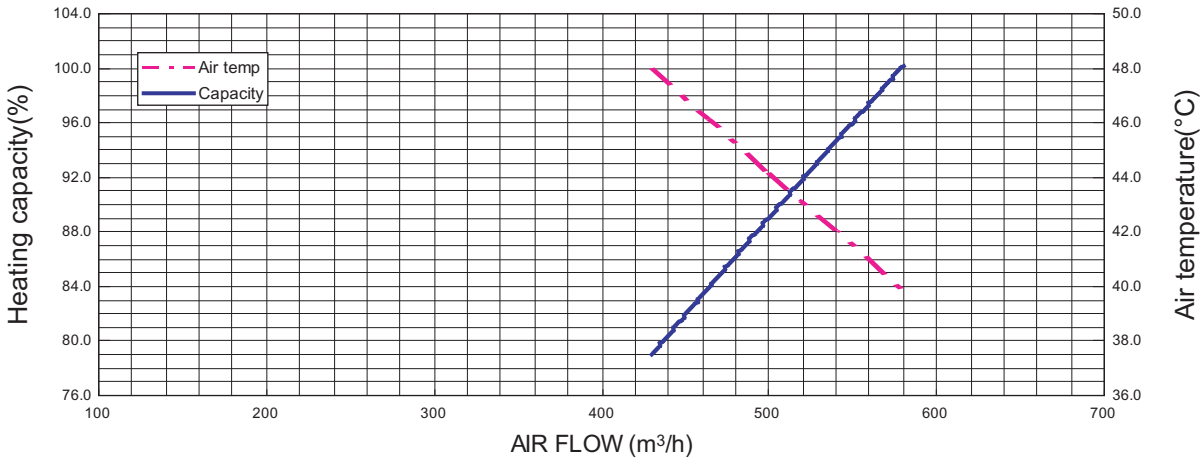
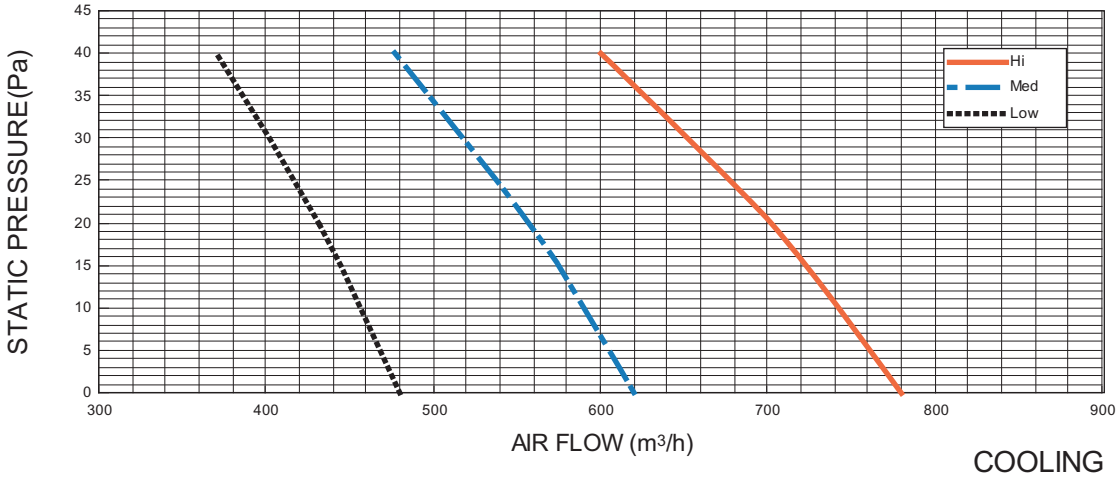


MULTI TYPE
3ROOM TYPE

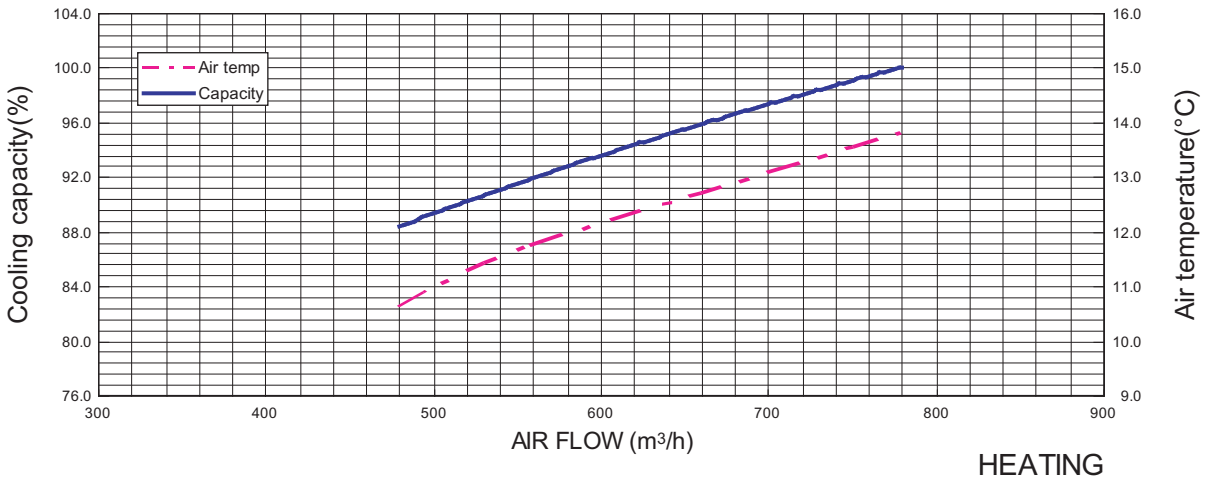
■MODEL : AR＊14L

			Static pressure (Pa)		
			0	20	40
FAN SPEED	Hi	m^3/h	780	702	601
		l/s	217	195	167
		CFM	459	413	353
	Med	m^3/h	620	558	477
		l/s	172	155	133
		CFM	365	328	281
	Low	m^3/h	480	432	370
		l/s	133	120	103
		CFM	283	254	218

Q-h Characteristic curve



COOLING



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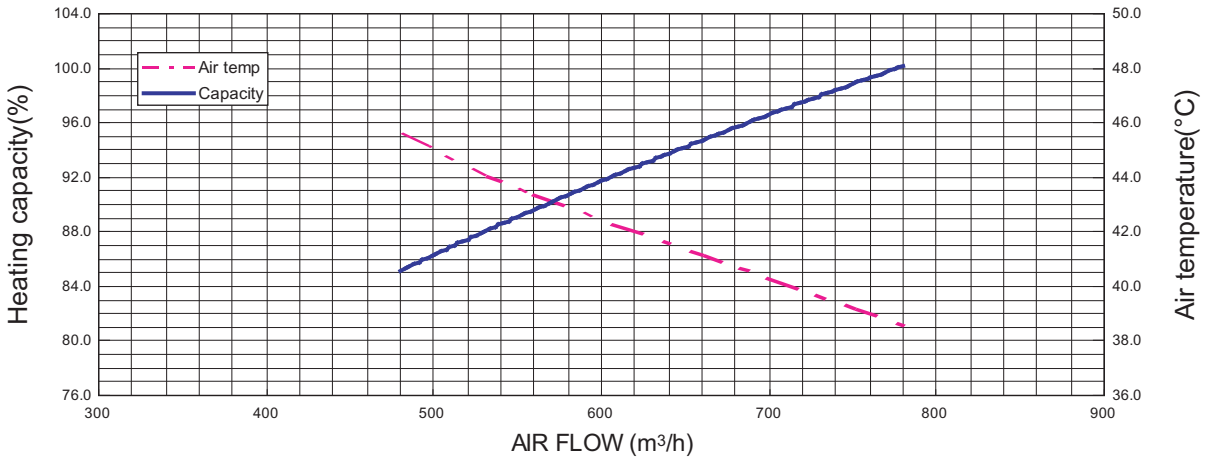
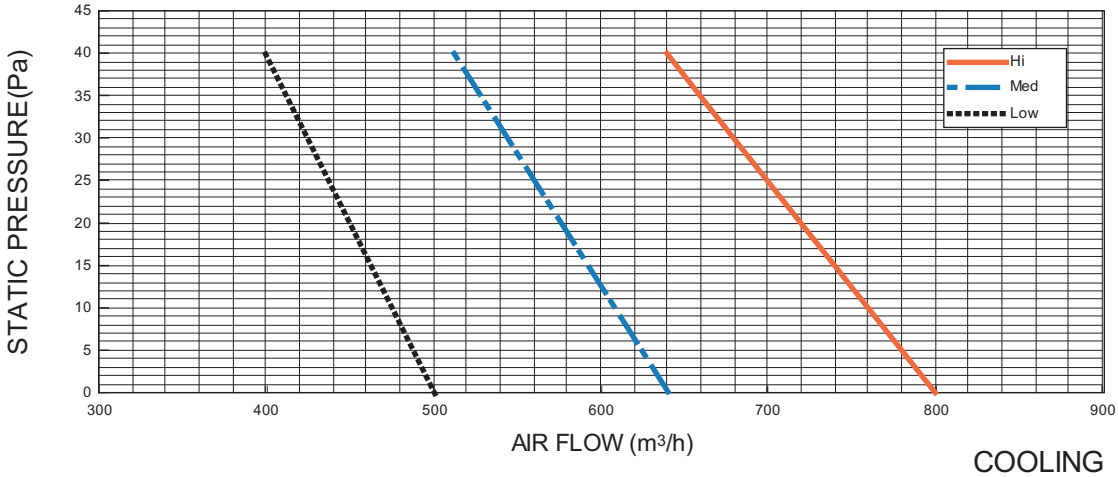


MULTI TYPE
3ROOM TYPE

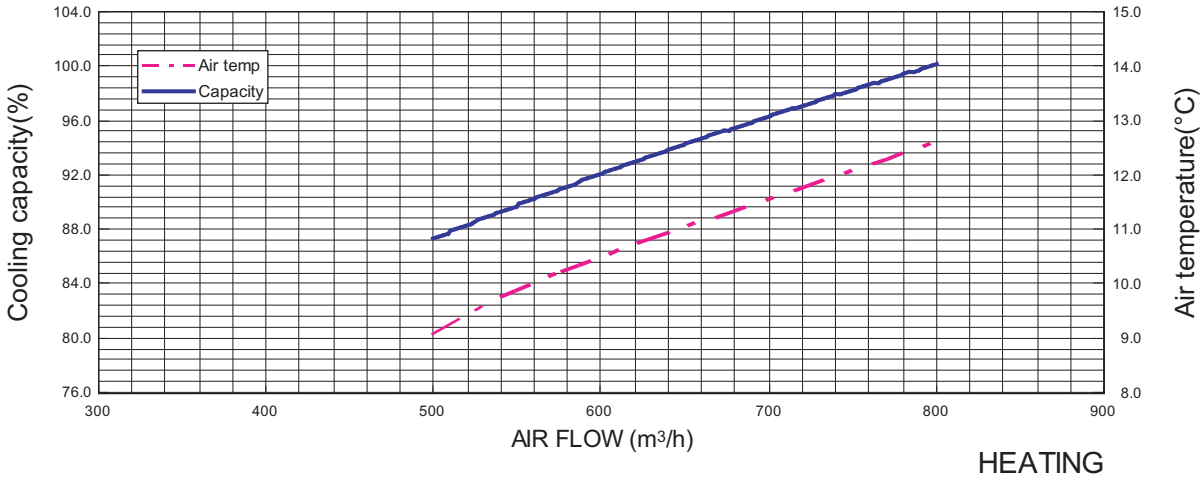
■MODEL : AR∗18L

			Static pressure (Pa)		
			0	20	40
FAN SPEED	Hi	m^3/h	800	720	640
		l/s	222	200	178
		CFM	471	424	377
	Med	m^3/h	640	576	512
		l/s	178	160	142
		CFM	377	339	301
	Low	m^3/h	500	450	400
		l/s	139	125	111
		CFM	294	265	235

Q-h Characteristic curve



COOLING



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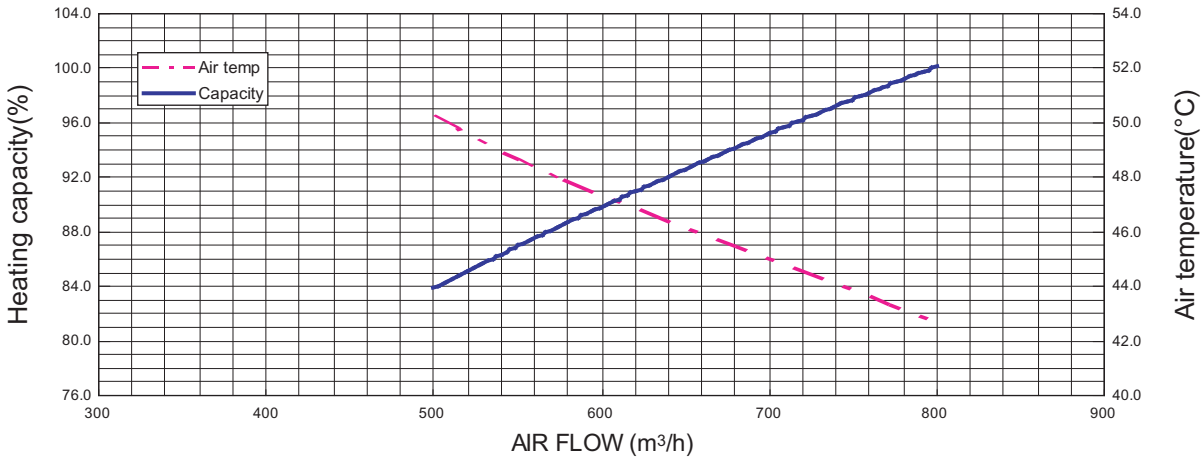


MULTI TYPE
3ROOM TYPE

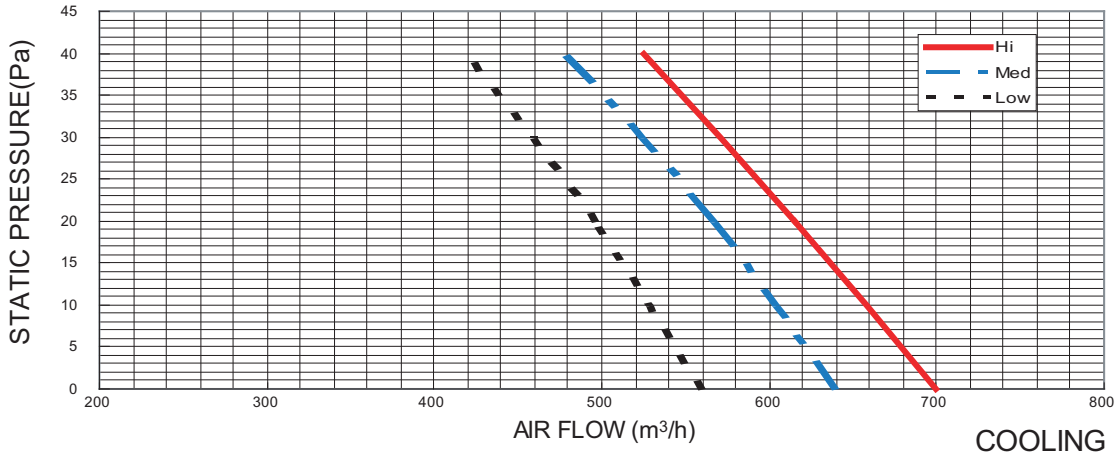
7-1-2. HIGH PRESSURE MODE

For AR∗9L models, HIGH STATIC MODE is not available.

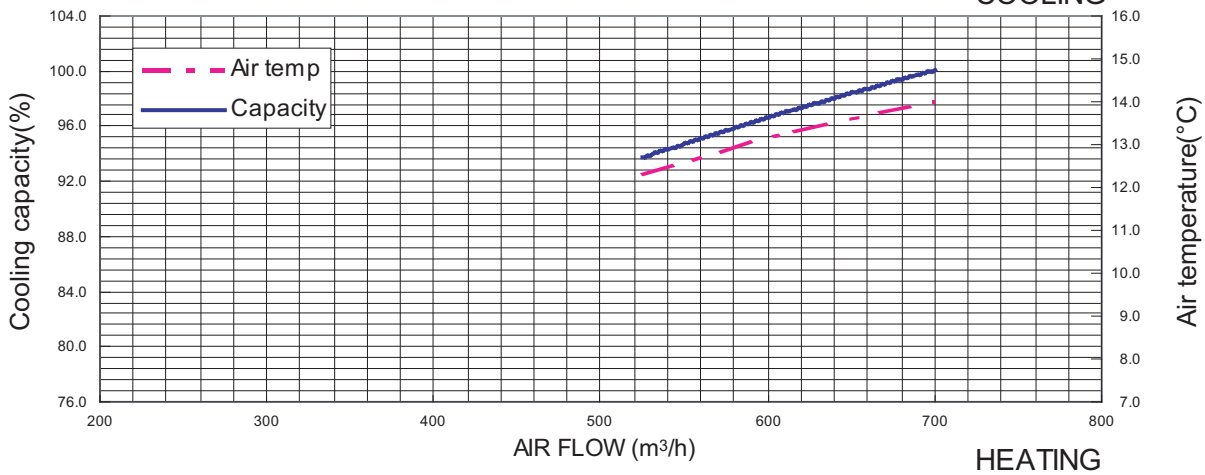
■MODEL : AR∗12L

			Static pressure (Pa)		
			0	20	40
FAN SPEED	Hi	m^3/h	700	616	525
		l/s	194	171	146
		CFM	412	363	309
	Med	m^3/h	640	568	480
		l/s	178	158	133
		CFM	377	335	283
	Low	m^3/h	560	497	420
		l/s	156	138	117
		CFM	330	293	247

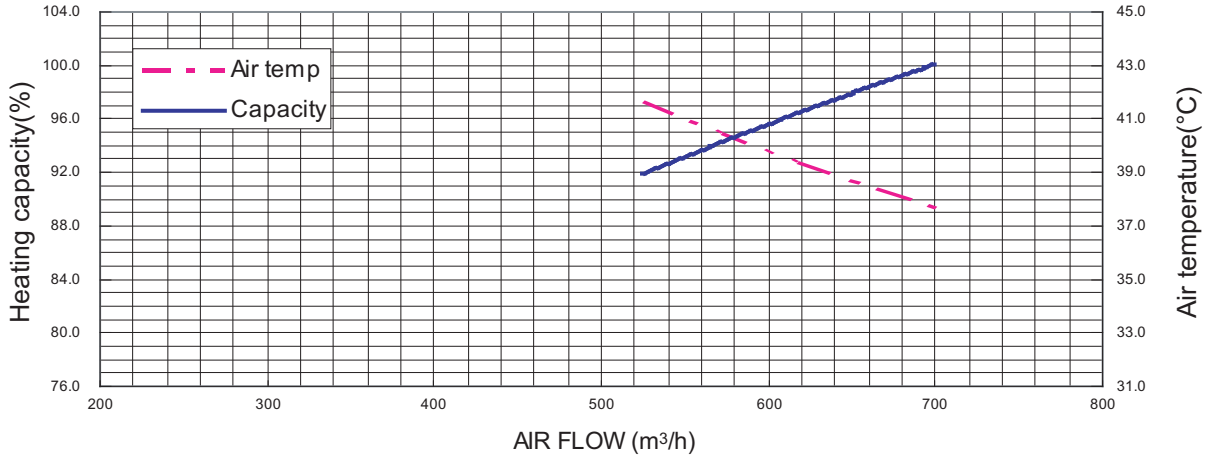
Q-h Characteristic curve



COOLING



HEATING

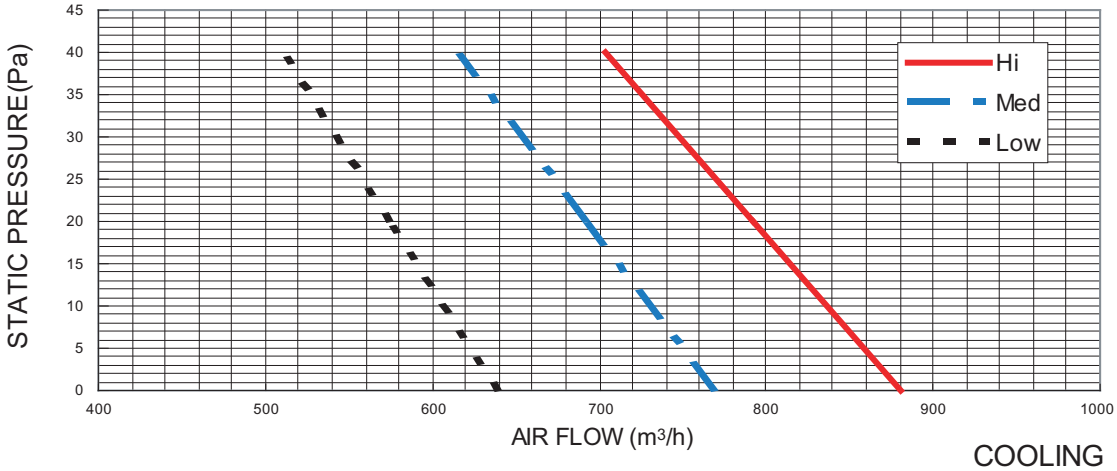


MULTI TYPE
3ROOM TYPE

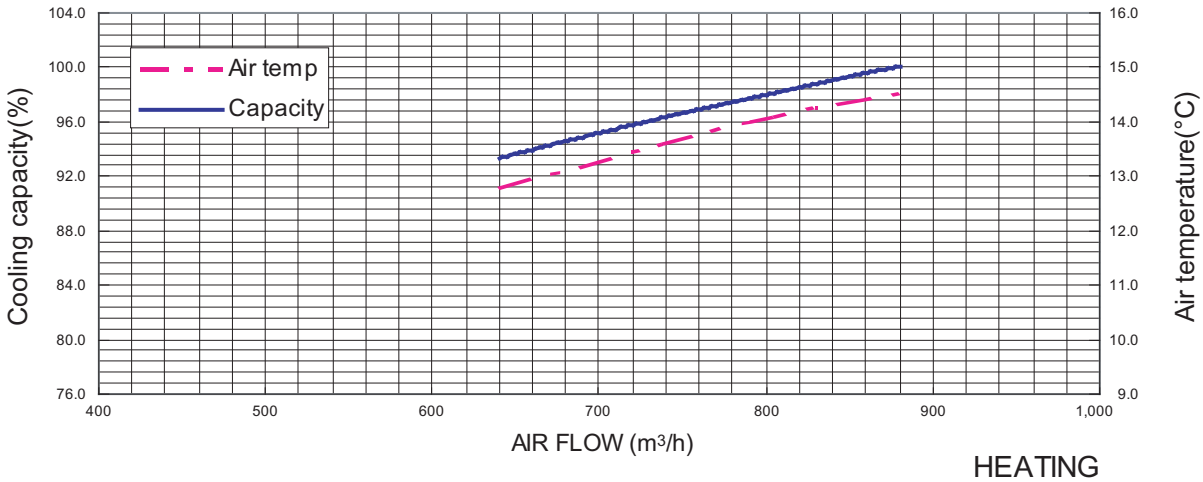
■ MODEL : AR ✳14L

			Static pressure (Pa)		
			0	20	40
FAN SPEED	Hi	m^3/h	880	792	704
		l/s	244	220	196
		CFM	518	466	414
	Med	m^3/h	770	693	616
		l/s	214	193	171
		CFM	453	408	363
	Low	m^3/h	640	576	512
		l/s	178	160	142
		CFM	377	339	301

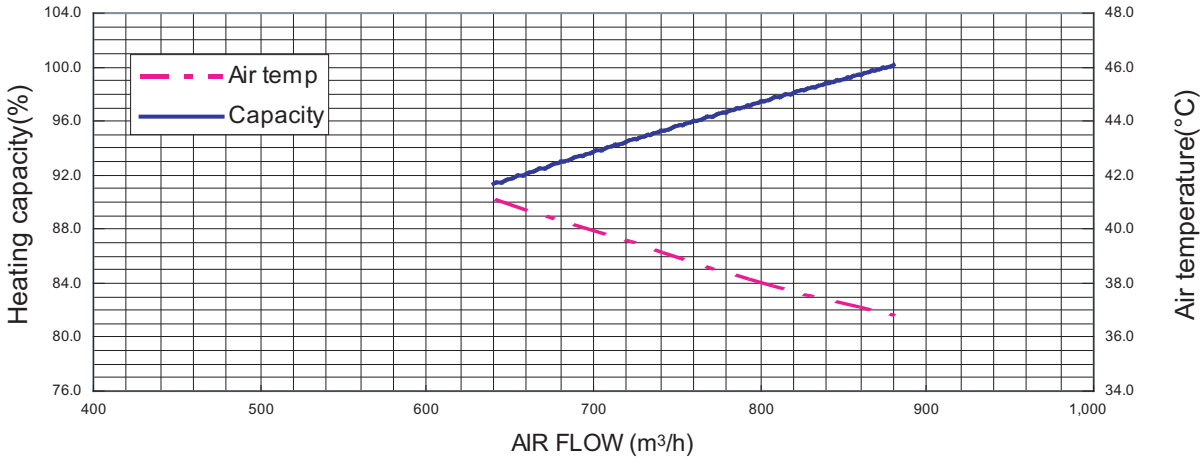
Q-h Characteristic curve



COOLING



HEATING

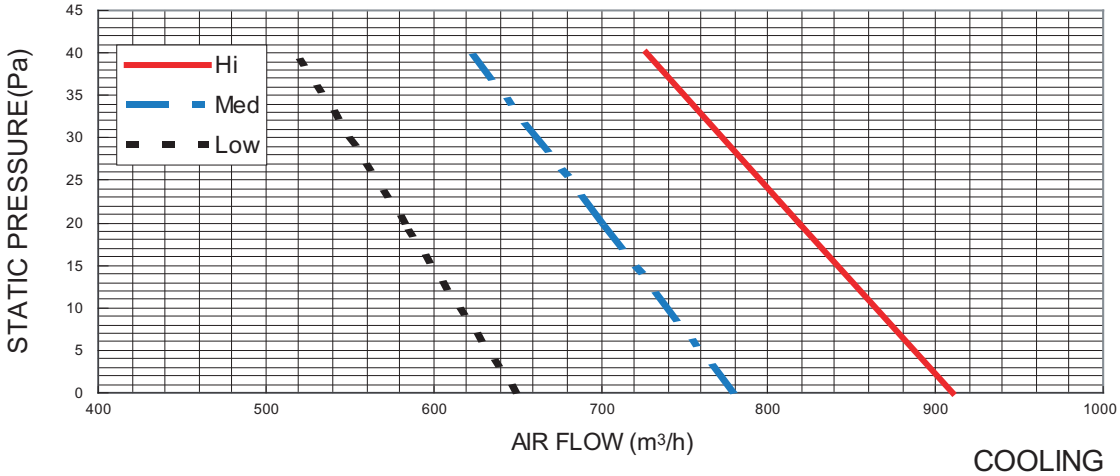


MULTI TYPE
3ROOM TYPE

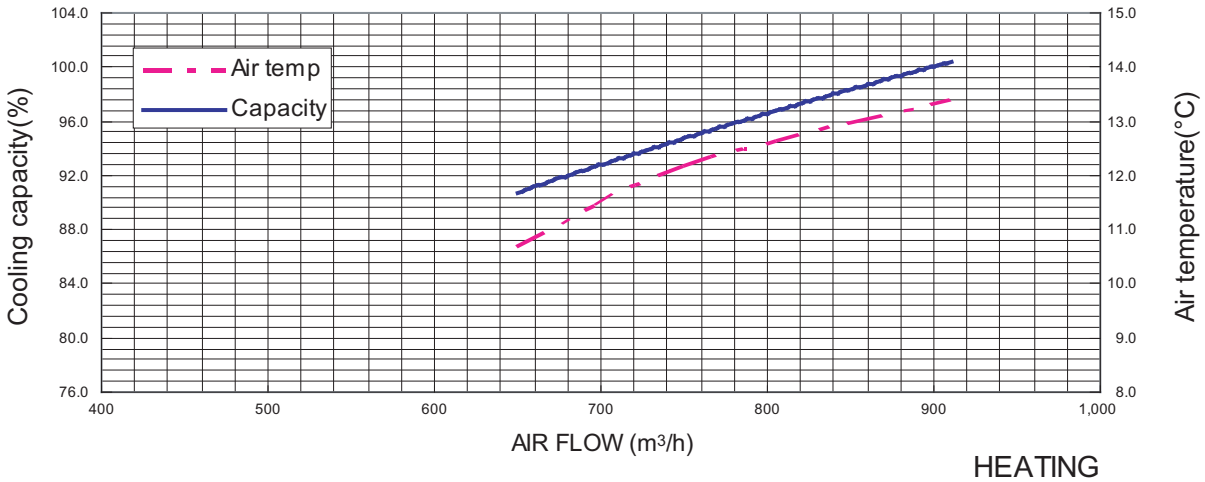
■MODEL : AR＊18L

			Static pressure (Pa)		
			0	20	40
FAN SPEED	Hi	m^3/h	910	819	728
		l/s	253	228	202
		CFM	536	482	428
	Med	m^3/h	780	702	624
		l/s	217	195	173
		CFM	459	413	367
	Low	m^3/h	650	585	520
		l/s	181	163	144
		CFM	383	344	306

Q-h Characteristic curve



COOLING



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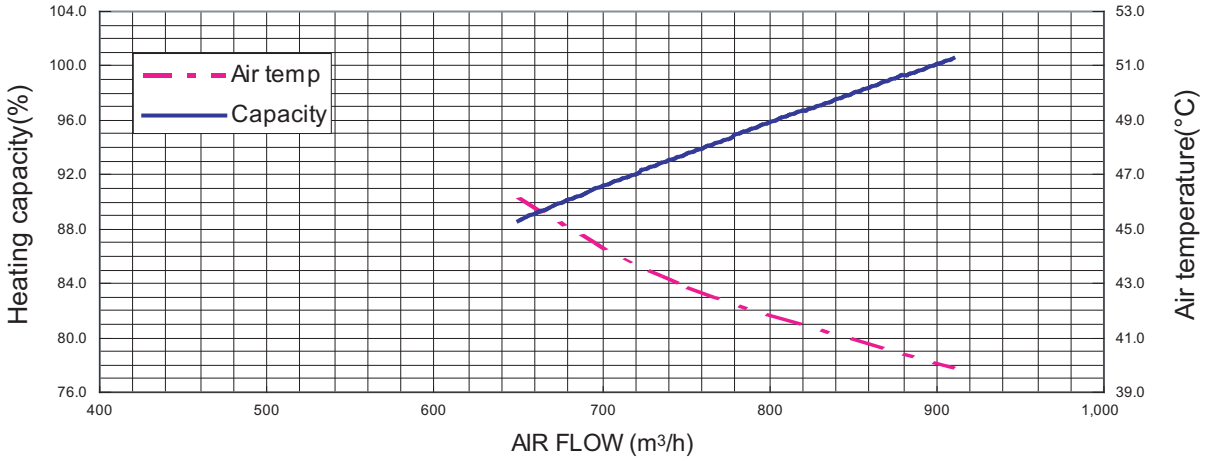


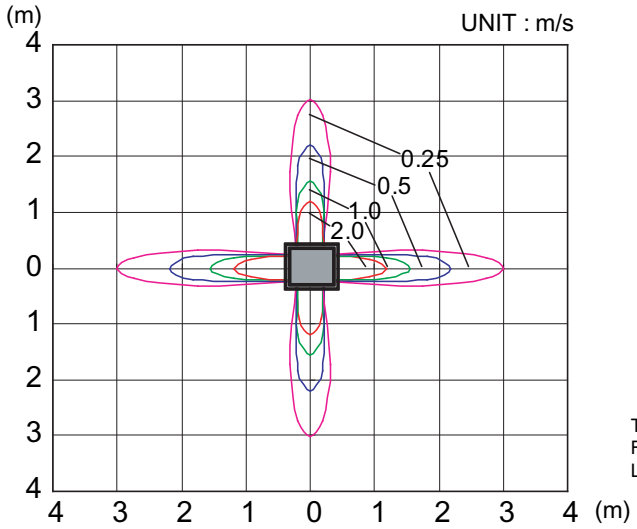
MULTI TYPE
3ROOM TYPE

7-2. AIR VELOCITY DISTRIBUTION

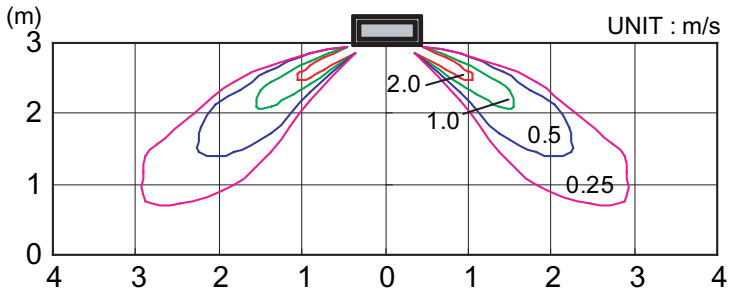
7-2-1. CASSETTE MODEL

■MODELS : AU∗12L, AU∗14L

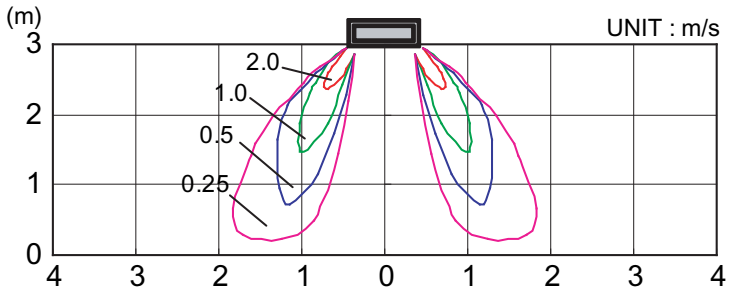
● 4-WAY AIR OUTLET



TOP VIEW
FLOW CONTROL PANEL : Upward
LOUVER : Center

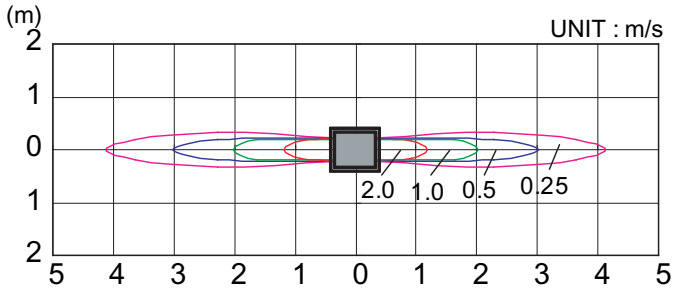


SIDE VIEW
FLOW CONTROL PANEL : Upward
LOUVER : Center

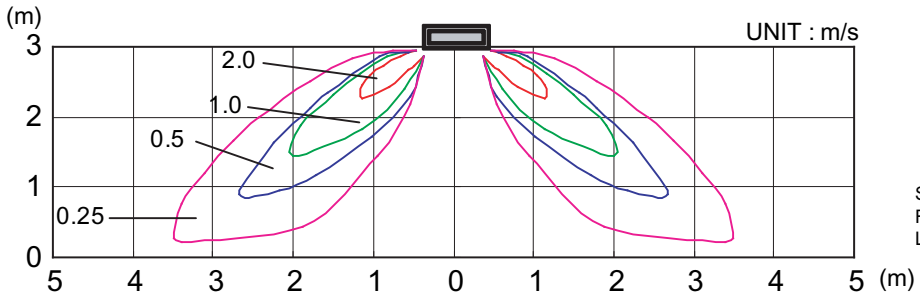


SIDE VIEW
FLOW CONTROL PANEL : Downward
LOUVER : Center

● 2-WAY AIR OUTLET



TOP VIEW
FLOW CONTROL PANEL : Upward
LOUVER : Center

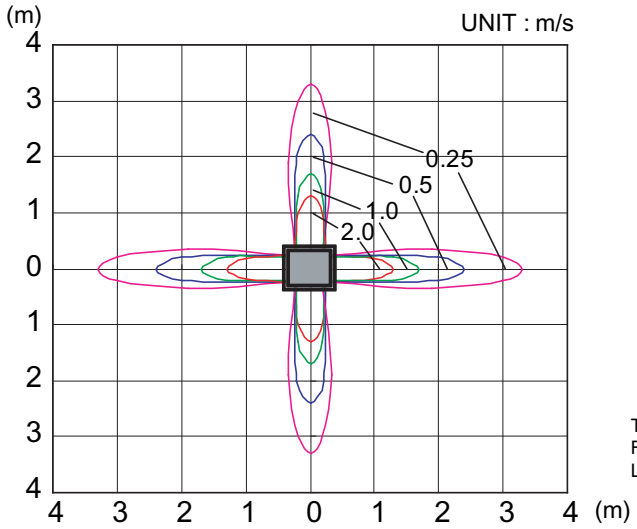


SIDE VIEW
FLOW CONTROL PANEL : Upward
LOUVER : Center

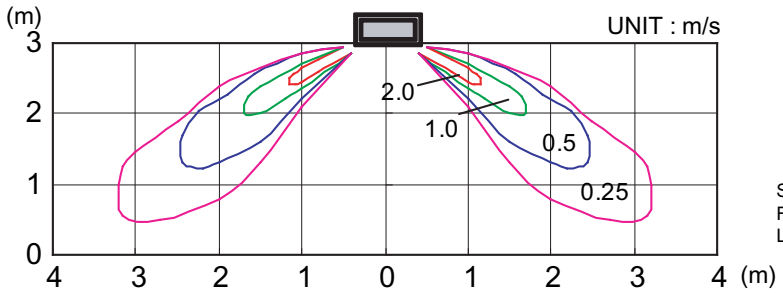
MULTI TYPE
3ROOM TYPE

■MODEL : AU∗18L

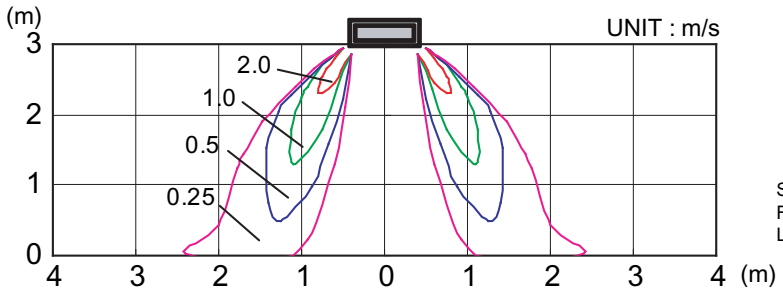
●4-WAY AIR OUTLET



TOP VIEW
FLOW CONTROL PANEL : Upward
LOUVER : Center

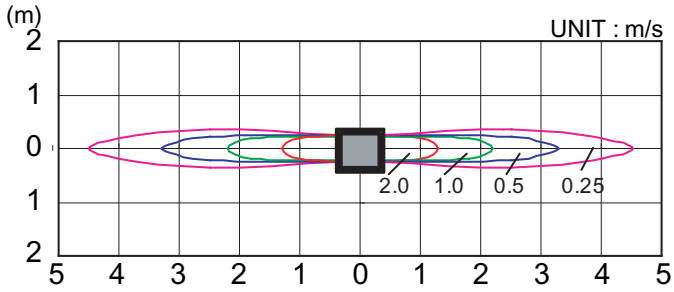


SIDE VIEW
FLOW CONTROL PANEL : Upward
LOUVER : Center

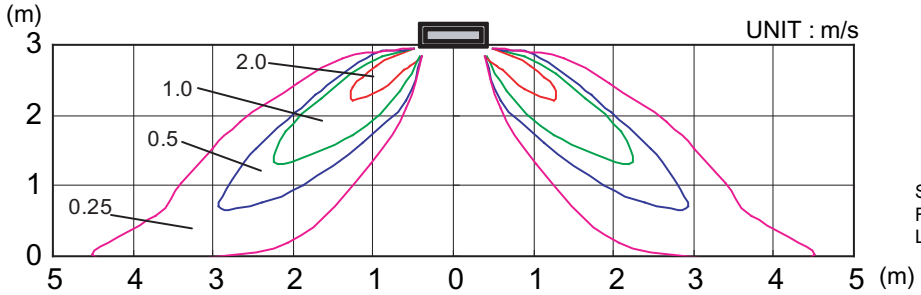


SIDE VIEW
FLOW CONTROL PANEL : Downward
LOUVER : Center

●2-WAY AIR OUTLET



TOP VIEW
FLOW CONTROL PANEL : Upward
LOUVER : Center



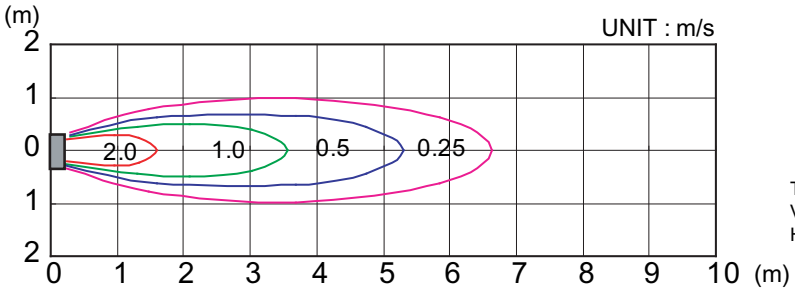
SIDE VIEW
FLOW CONTROL PANEL : Upward
LOUVER : Center

MULTI TYPE
3ROOM TYPE

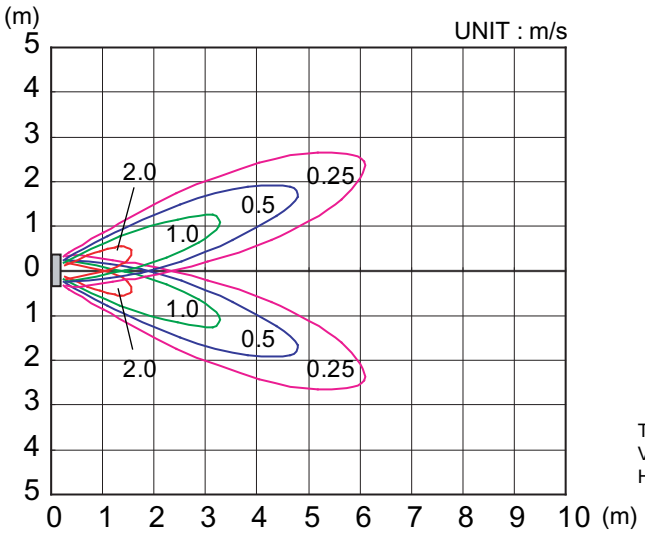
7-2-2. UNIVERSAL MODEL

■MODEL : AB∗14L

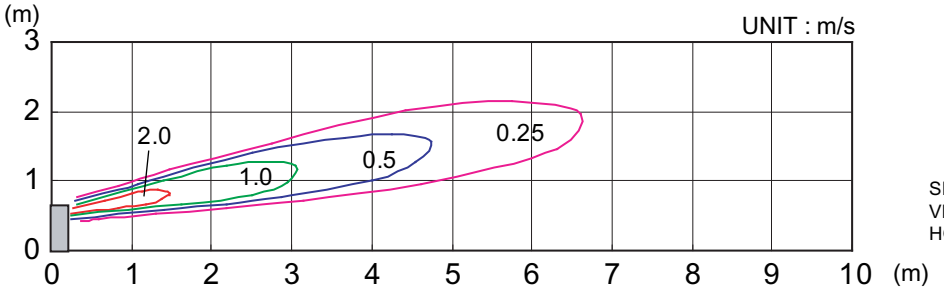
FLOOR CONSOLE



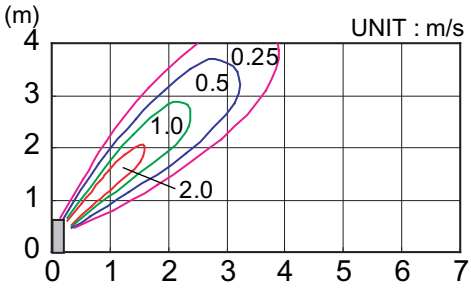
TOP VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center



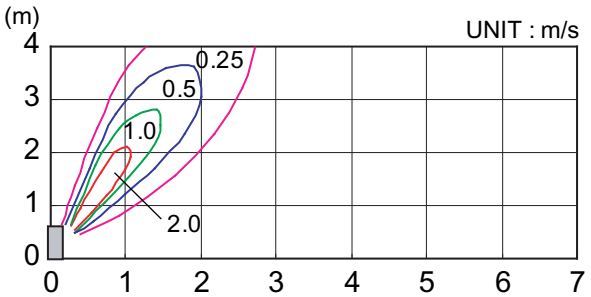
TOP VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Right & Left



SIDE VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center



SIDE VIEW
VERTICAL FLAP : Center
HORIZONTAL FLAP : Center

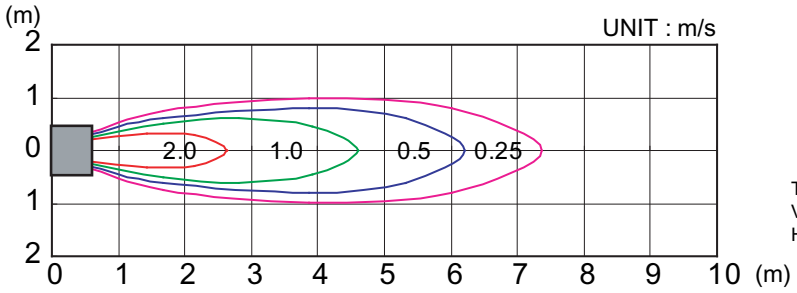


SIDE VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center

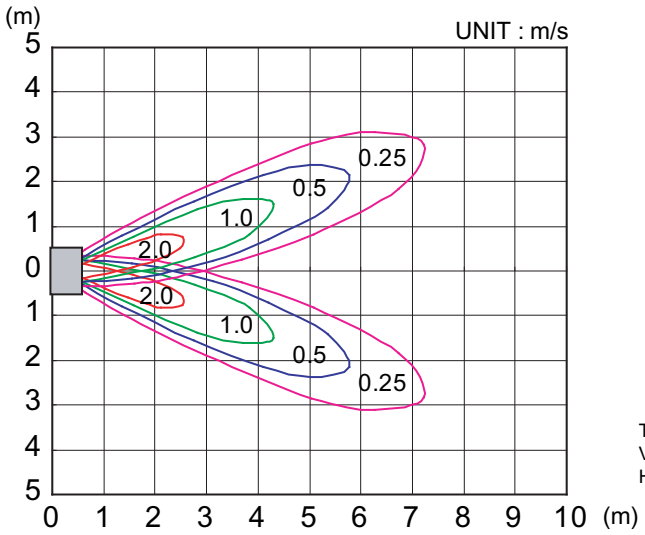
MULTI TYPE
3ROOM TYPE

■MODEL : AB∗14L

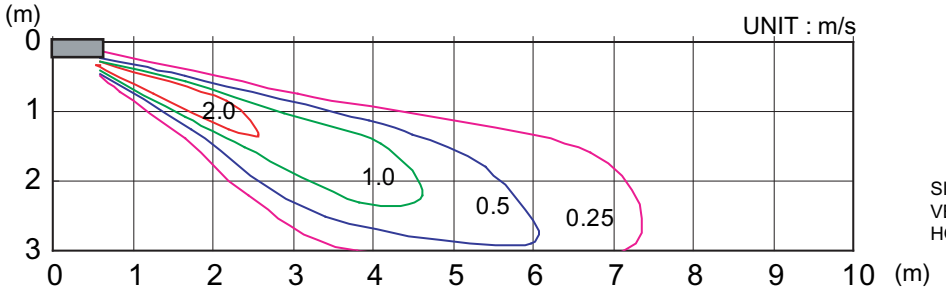
UNDER CEILING



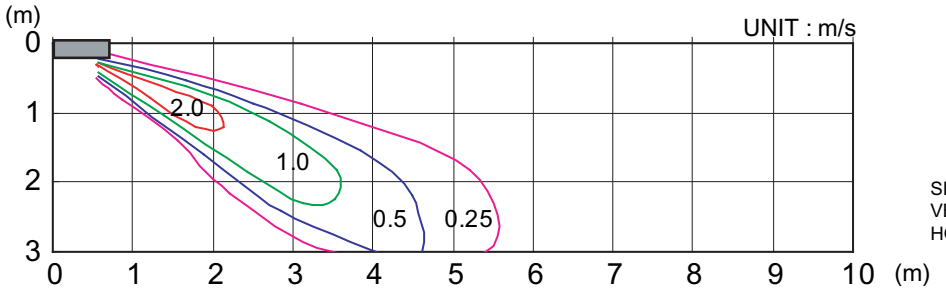
TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Right & Left



SIDE VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



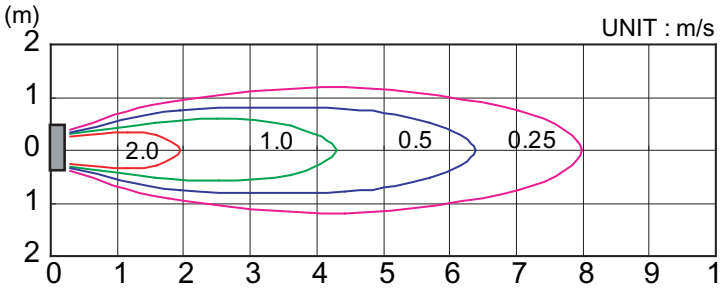
SIDE VIEW
VERTICAL FLAP : Center
HORIZONTAL FLAP : Center

SIDE VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center

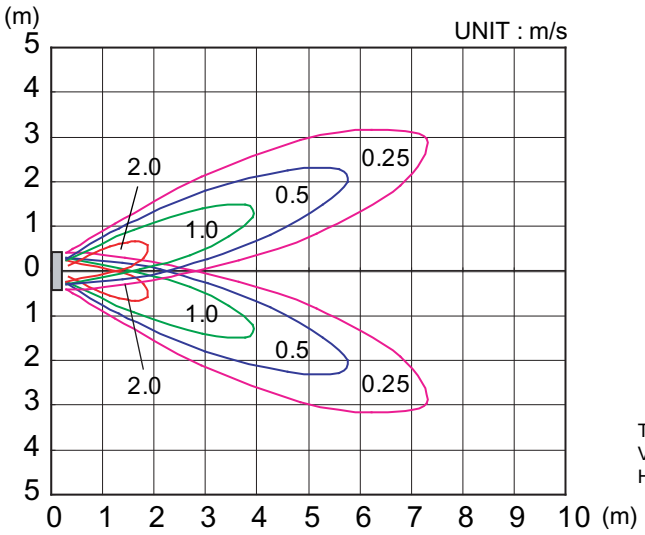
MULTI TYPE
3ROOM TYPE

■MODEL : AB∗18L

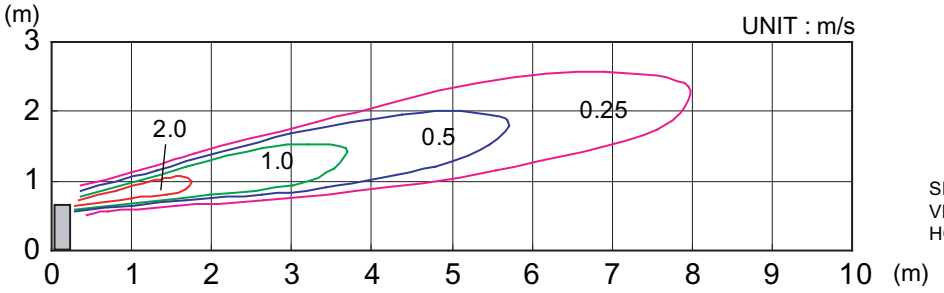
FLOOR CONSOLE



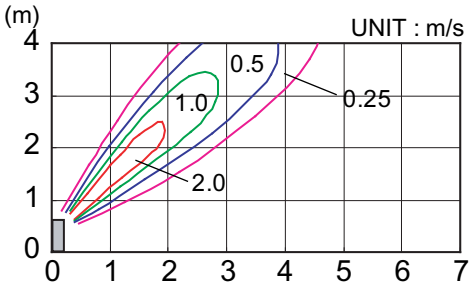
TOP VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center



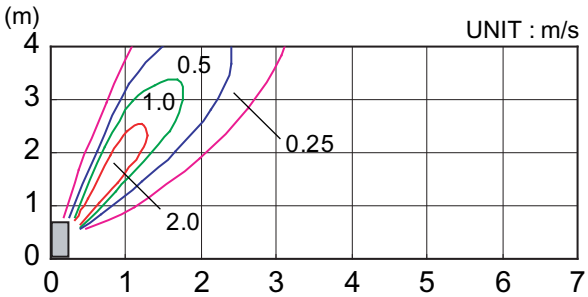
TOP VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Right & Left



SIDE VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center



SIDE VIEW
VERTICAL FLAP : Center
HORIZONTAL FLAP : Center

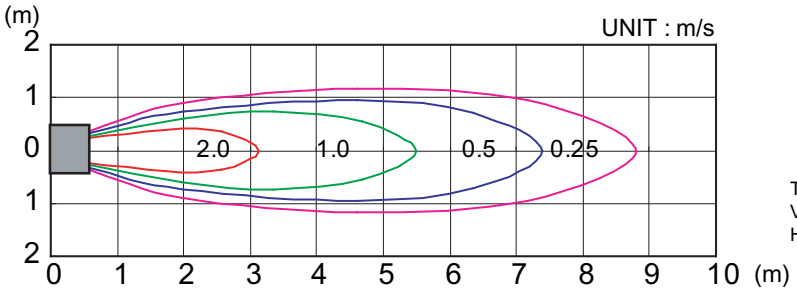


SIDE VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center

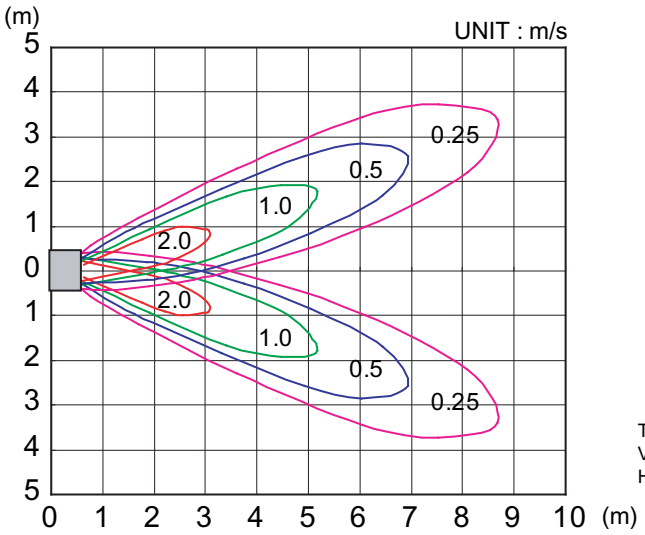
MULTI TYPE
3ROOM TYPE

■MODEL : AB∗18L

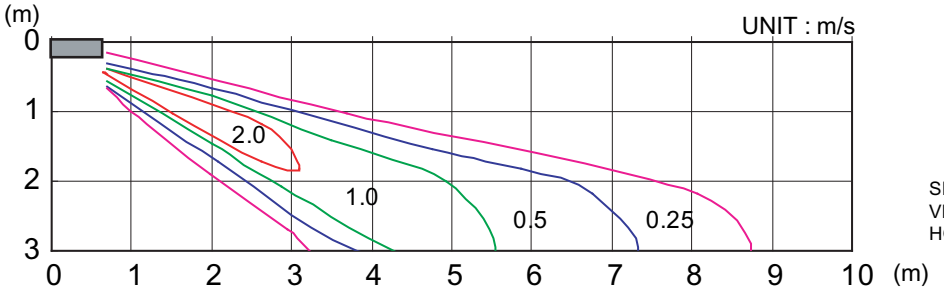
UNDER CEILING



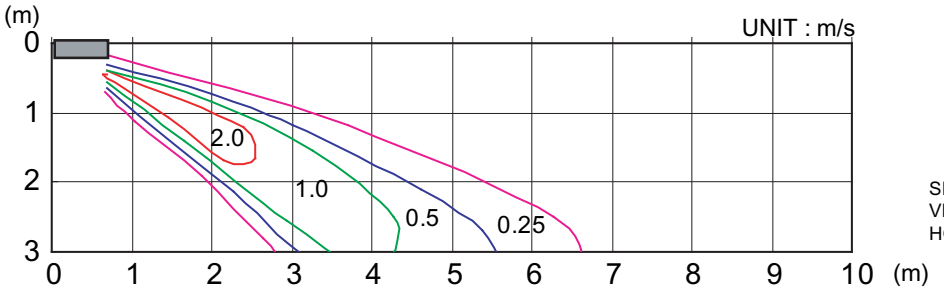
TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



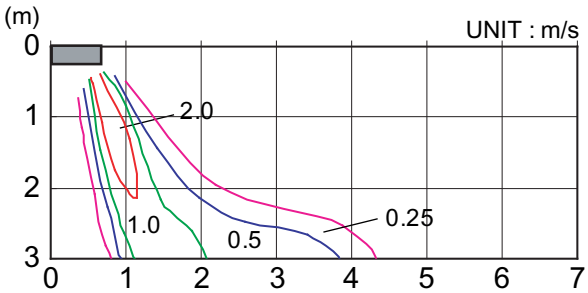
TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Right & Left



SIDE VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



SIDE VIEW
VERTICAL FLAP : Center
HORIZONTAL FLAP : Center

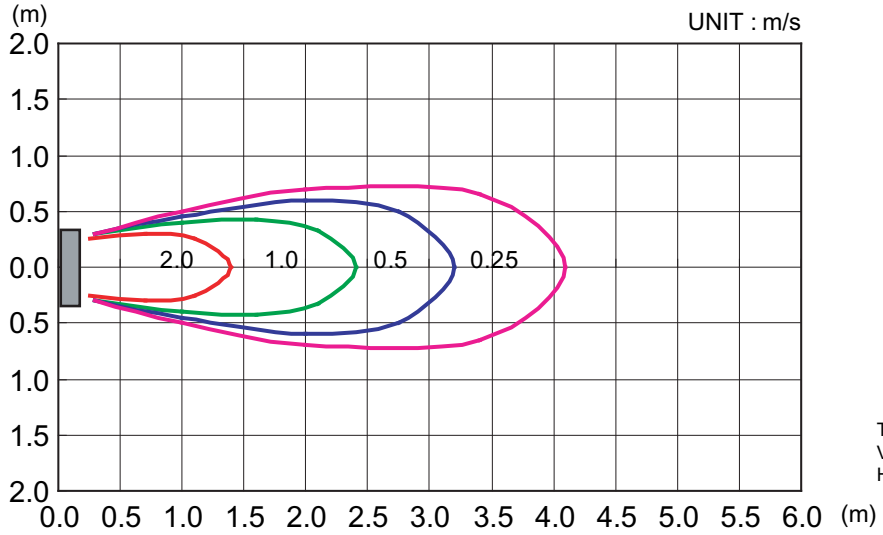


SIDE VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center

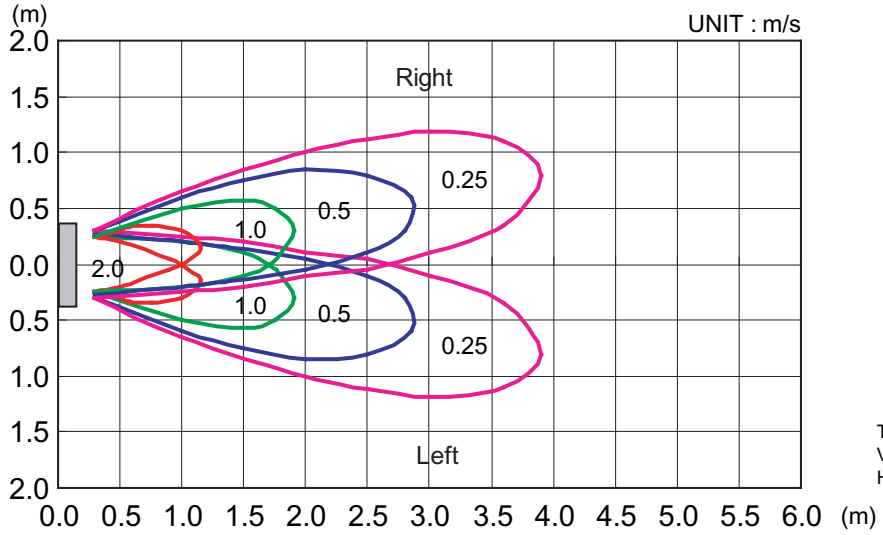
MULTI TYPE
3ROOM TYPE

7-2-3. WALL MOUNTED MODEL

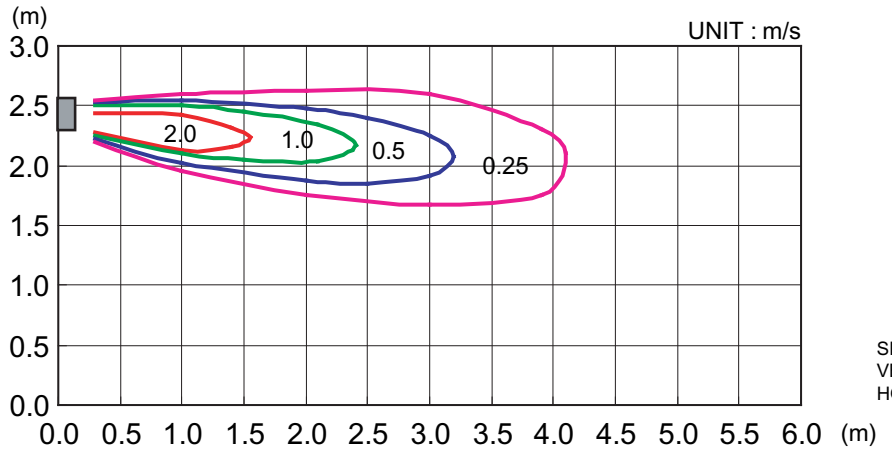
■MODEL : AS∗7L



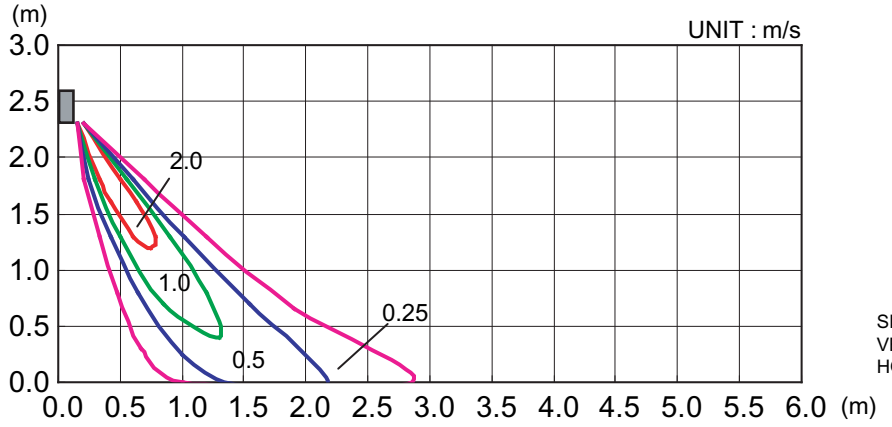
TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Right & Left



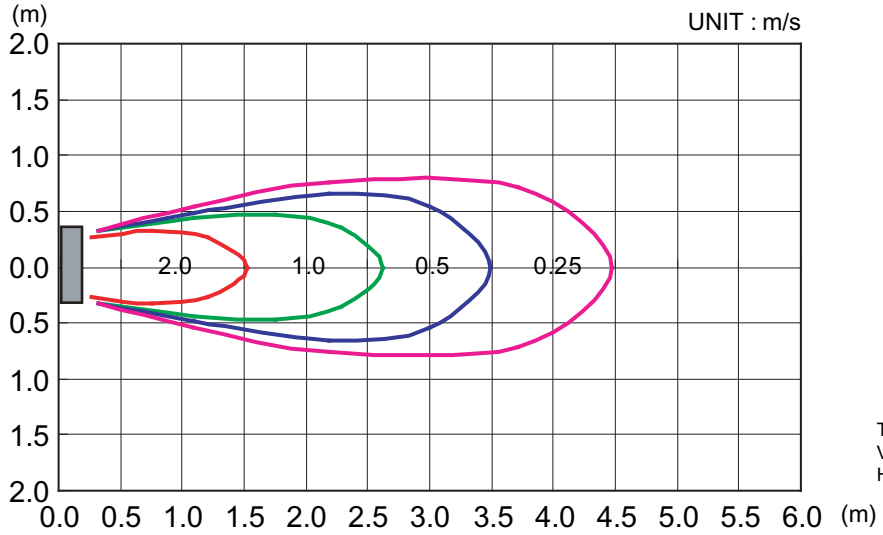
SIDE VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



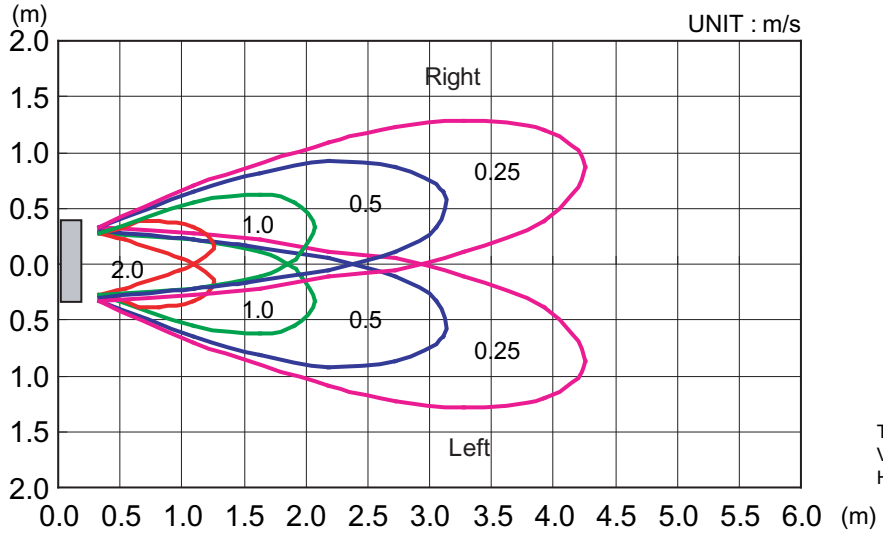
SIDE VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center

MULTI TYPE
3ROOM TYPE

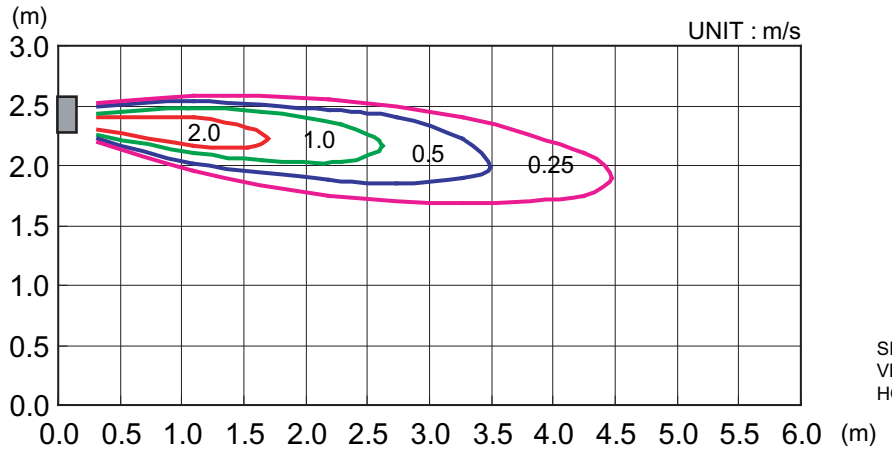
■MODEL : AS∗9L



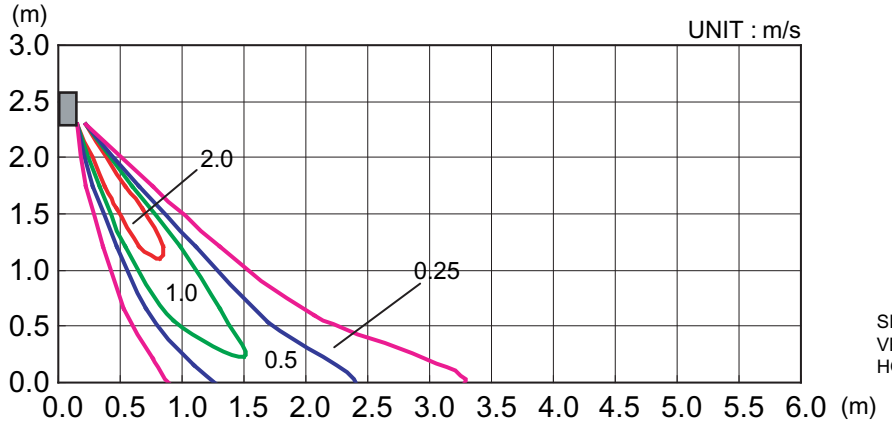
TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Right & Left



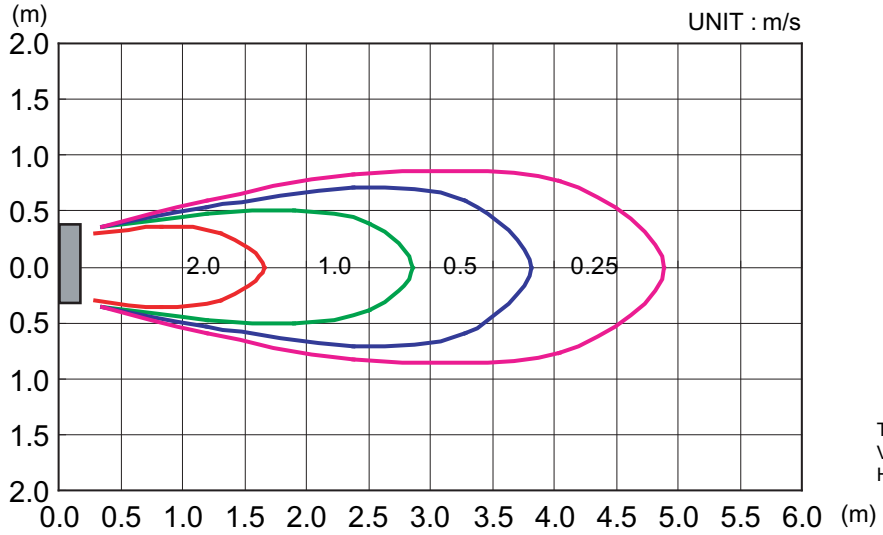
SIDE VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



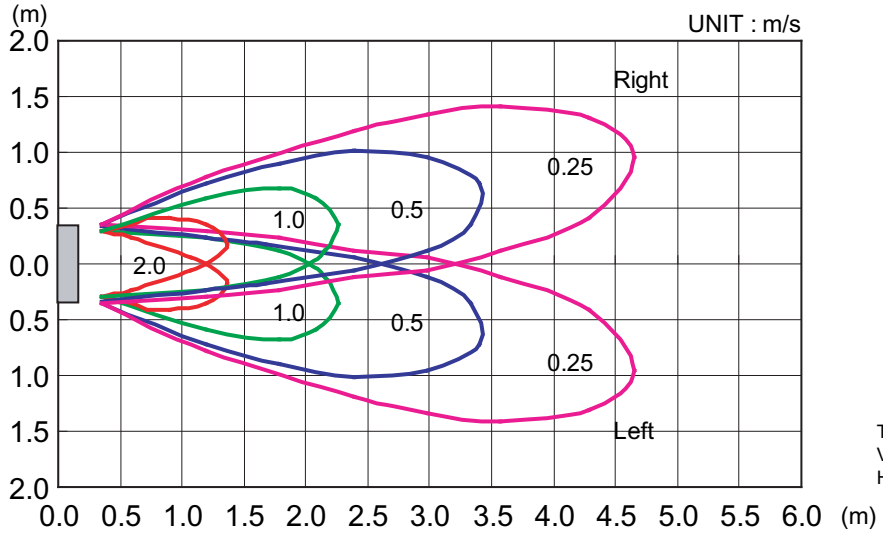
SIDE VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center

MULTI TYPE
3ROOM TYPE

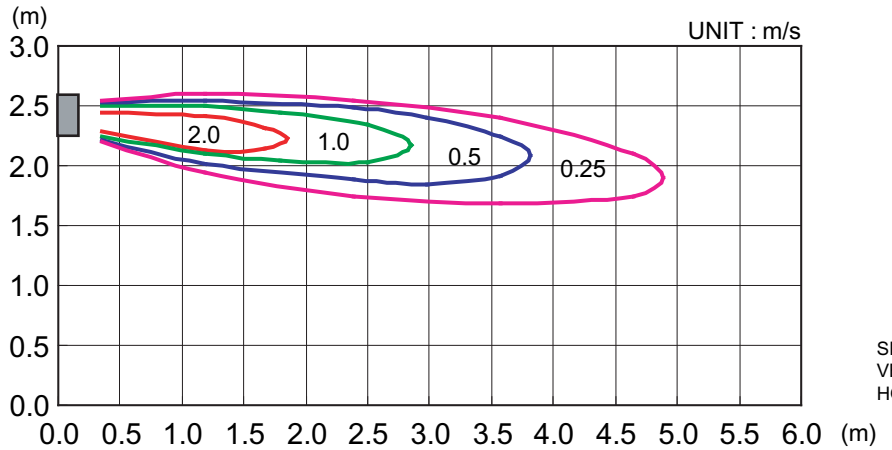
■MODEL : AS∗12L



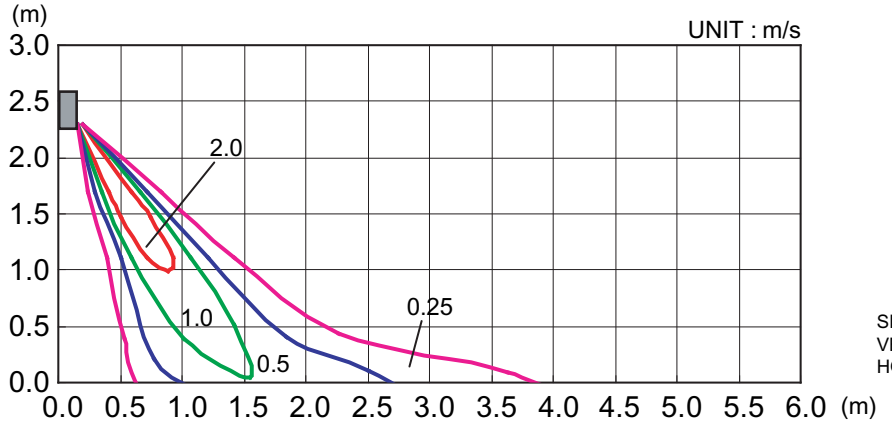
TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Right & Left



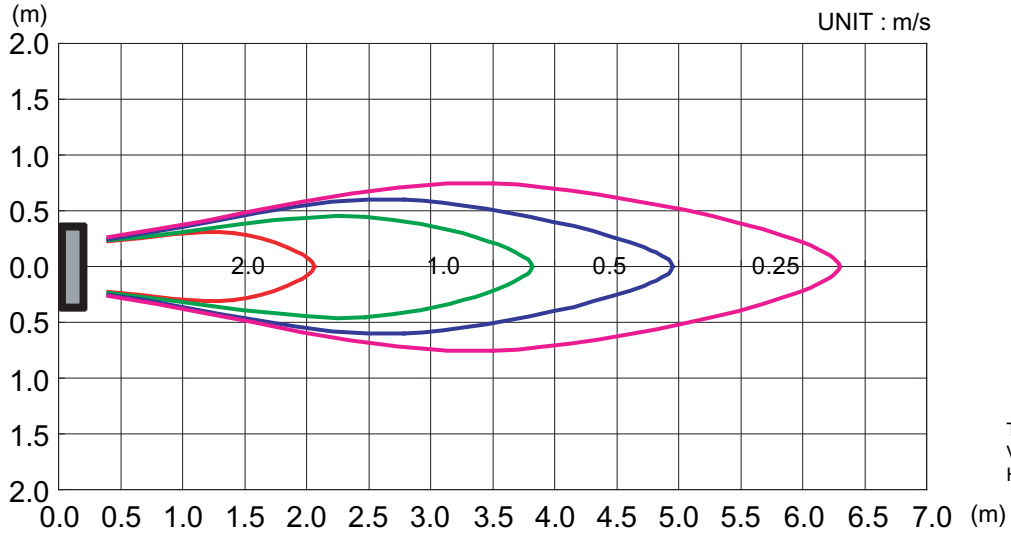
SIDE VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



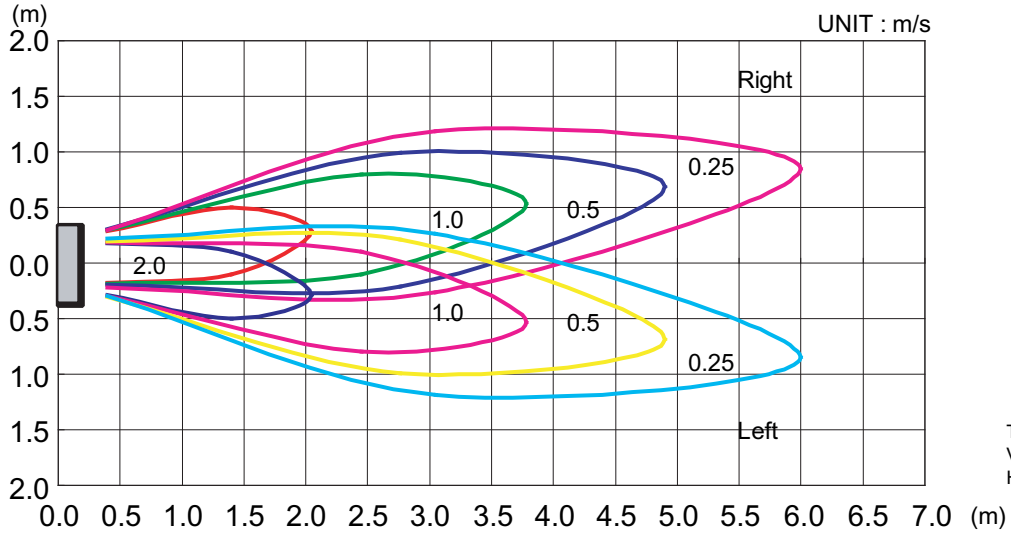
SIDE VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center

MULTI TYPE
3ROOM TYPE

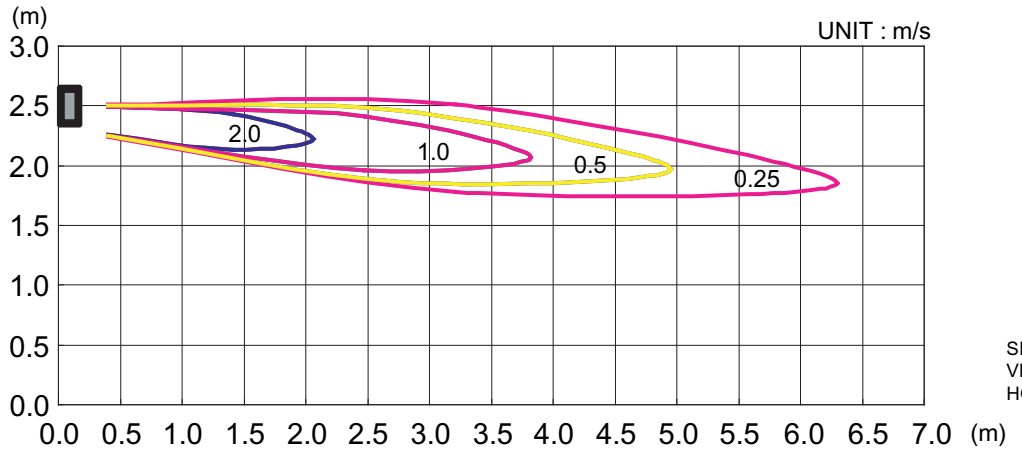
■MODEL : AS∗A14L



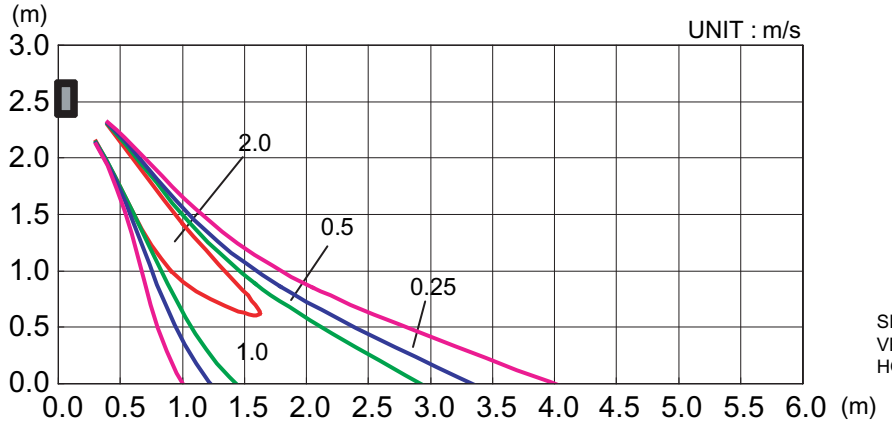
TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Right & Left



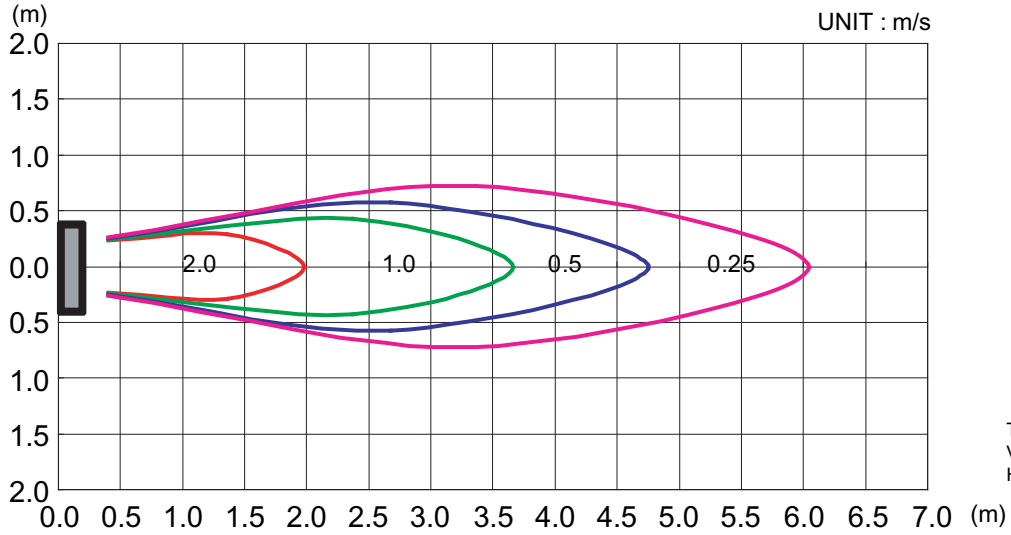
SIDE VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



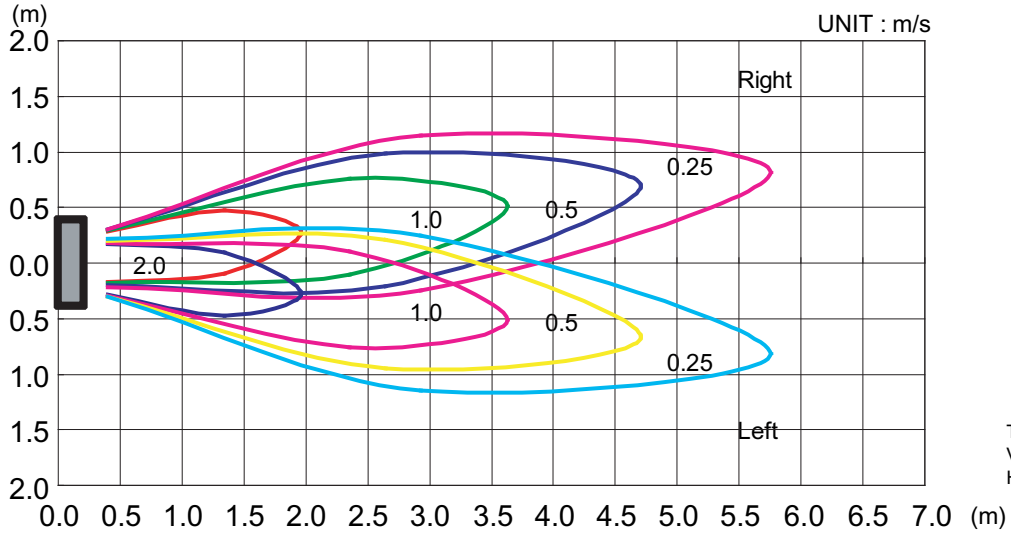
SIDE VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center

MULTI TYPE
3ROOM TYPE

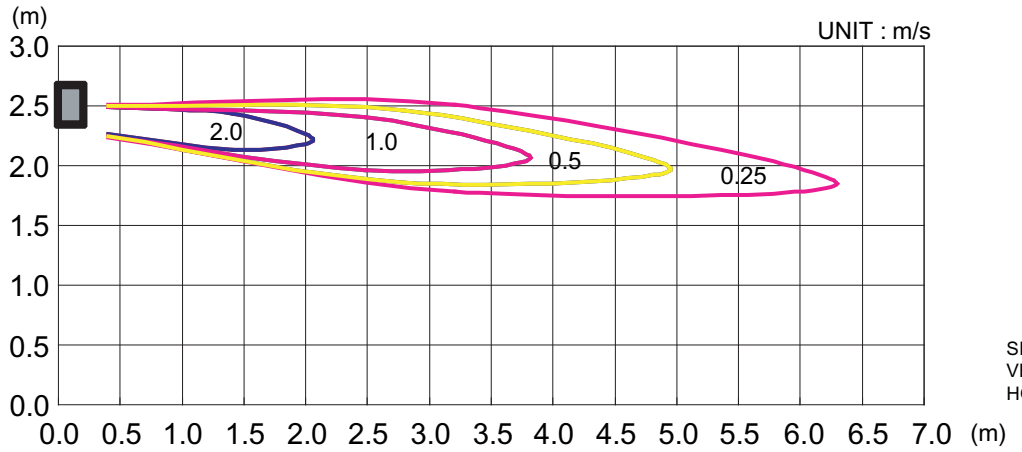
■MODEL : AS∗A18L



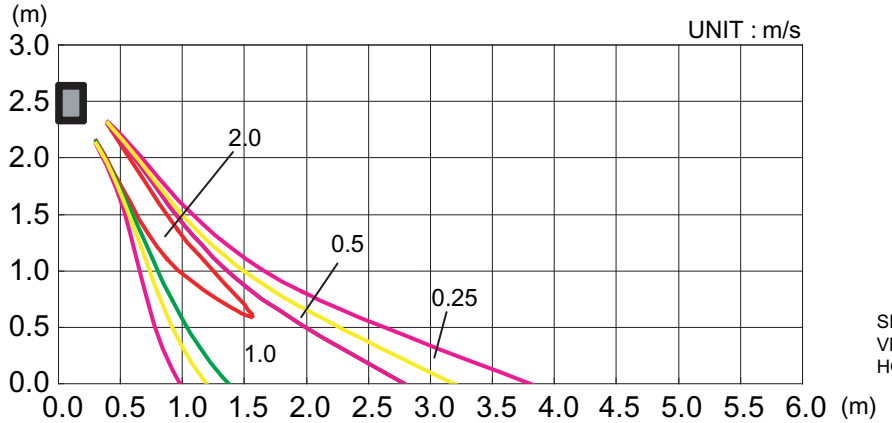
TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



TOP VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Right & Left



SIDE VIEW
VERTICAL FLAP : Upward
HORIZONTAL FLAP : Center



SIDE VIEW
VERTICAL FLAP : Downward
HORIZONTAL FLAP : Center

MULTI TYPE
3ROOM TYPE

7-3. AIR FLOW

7-3-1. CASSETTE MODEL

■MODELS : AU∗12L, AU∗14L

●COOLING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	730	m^3/h	550
		l/s	153
		CFM	324
MED	670	m^3/h	500
		l/s	139
		CFM	294
LOW	590	m^3/h	440
		l/s	122
		CFM	259

●HEATING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	730	m^3/h	550
		l/s	153
		CFM	324
MED	670	m^3/h	500
		l/s	139
		CFM	294
LOW	590	m^3/h	440
		l/s	122
		CFM	259

MULTI TYPE
3ROOM TYPE

■MODEL : AU∗18L

●COOLING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	800	m^3/h	620
		l/s	172
		CFM	365
MED	700	m^3/h	520
		l/s	144
		CFM	306
LOW	600	m^3/h	450
		l/s	125
		CFM	265

●HEATING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	800	m^3/h	620
		l/s	172
		CFM	365
MED	700	m^3/h	520
		l/s	144
		CFM	306
LOW	600	m^3/h	450
		l/s	125
		CFM	265

MULTI TYPE
3ROOM TYPE

7-3-2. UNIVERSAL MODEL

■MODEL : AB∗14L

●COOLING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	850	m^3/h	640
		l/s	178
		CFM	377
MED	760	m^3/h	560
		l/s	156
		CFM	330
LOW	670	m^3/h	480
		l/s	133
		CFM	282

●HEATING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	850	m^3/h	640
		l/s	178
		CFM	377
MED	760	m^3/h	560
		l/s	156
		CFM	330
LOW	670	m^3/h	480
		l/s	133
		CFM	282

MULTI TYPE
3ROOM TYPE

■MODEL : AB∗18L

●COOLING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1030	m^3/h	780
		l/s	217
		CFM	459
MED	890	m^3/h	650
		l/s	181
		CFM	383
LOW	770	m^3/h	550
		l/s	153
		CFM	324

●HEATING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1030	m^3/h	780
		l/s	217
		CFM	459
MED	890	m^3/h	650
		l/s	181
		CFM	383
LOW	770	m^3/h	550
		l/s	153
		CFM	324

MULTI TYPE
3ROOM TYPE

7-3-3. WALL MOUNTED MODEL

■MODEL : AS∗7L

●COOLING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1100	m^3/h	430
		l/s	119
		CFM	253
MED	1050	m^3/h	400
		l/s	111
		CFM	235
LOW	1000	m^3/h	380
		l/s	106
		CFM	224
QUIET	950	m^3/h	350
		l/s	97
		CFM	206

●HEATING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1100	m^3/h	430
		l/s	119
		CFM	253
MED	1050	m^3/h	400
		l/s	111
		CFM	235
LOW	1000	m^3/h	380
		l/s	106
		CFM	224
QUIET	950	m^3/h	350
		l/s	97
		CFM	206

MULTI TYPE
3ROOM TYPE

■MODEL : AS＊9L

●COOLING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1200	m^3/h	470
		l/s	131
		CFM	277
MED	1100	m^3/h	430
		l/s	119
		CFM	253
LOW	1000	m^3/h	380
		l/s	106
		CFM	224
QUIET	940	m^3/h	350
		l/s	97
		CFM	206

●HEATING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1200	m^3/h	470
		l/s	131
		CFM	277
MED	1100	m^3/h	430
		l/s	119
		CFM	253
LOW	1000	m^3/h	380
		l/s	106
		CFM	224
QUIET	940	m^3/h	350
		l/s	97
		CFM	206

MULTI TYPE
3ROOM TYPE

■MODEL : AS∗12L

●COOLING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1310	m^3/h	520
		l/s	144
		CFM	306
MED	1260	m^3/h	470
		l/s	131
		CFM	277
LOW	1190	m^3/h	420
		l/s	117
		CFM	247
QUIET	1000	m^3/h	380
		l/s	106
		CFM	224

●HEATING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1310	m^3/h	520
		l/s	144
		CFM	306
MED	1260	m^3/h	470
		l/s	131
		CFM	277
LOW	1190	m^3/h	420
		l/s	117
		CFM	247
QUIET	1000	m^3/h	380
		l/s	106
		CFM	224

MULTI TYPE
3ROOM TYPE

■MODEL : AS＊A14L

●COOLING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1480	m^3/h	700
		l/s	194
		CFM	412
MED	1250	m^3/h	580
		l/s	161
		CFM	341
LOW	1050	m^3/h	470
		l/s	131
		CFM	277
QUIET	850	m^3/h	360
		l/s	100
		CFM	212

●HEATING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1480	m^3/h	700
		l/s	194
		CFM	412
MED	1250	m^3/h	580
		l/s	161
		CFM	341
LOW	1100	m^3/h	470
		l/s	131
		CFM	277
QUIET	950	m^3/h	420
		l/s	117
		CFM	247

MULTI TYPE
3ROOM TYPE

■MODEL : AS＊A18L

●COOLING

FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1480	m^3/h	660
		l/s	183
		CFM	388
MED	1250	m^3/h	540
		l/s	150
		CFM	318
LOW	1100	m^3/h	470
		l/s	131
		CFM	277
QUIET	950	m^3/h	390
		l/s	108
		CFM	230

●HEATING

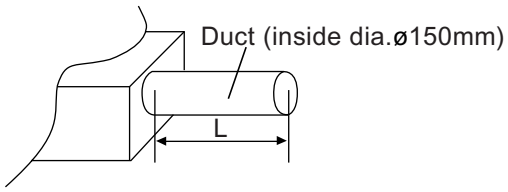
FAN SPEED	NUMBER OF ROTATIONS (r.p.m)	AIR FLOW	
HIGH	1480	m^3/h	660
		l/s	183
		CFM	388
MED	1250	m^3/h	540
		l/s	150
		CFM	318
LOW	1100	m^3/h	470
		l/s	131
		CFM	277
QUIET	950	m^3/h	390
		l/s	108
		CFM	230

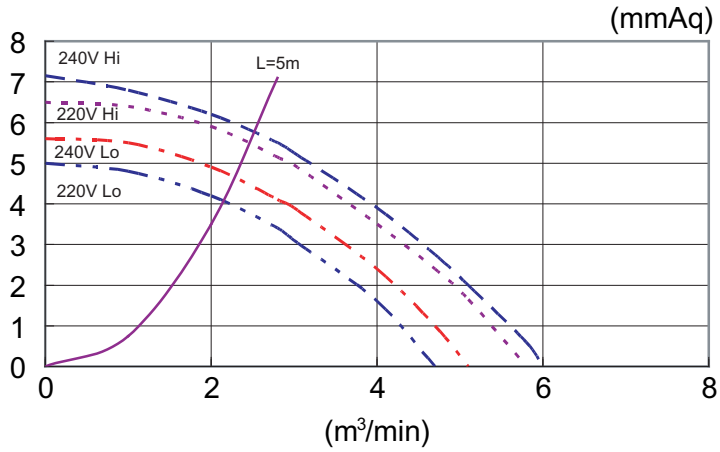
MULTI TYPE
3ROOM TYPE

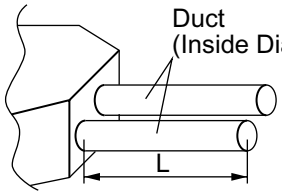
7-4. DUCT CONNECTION

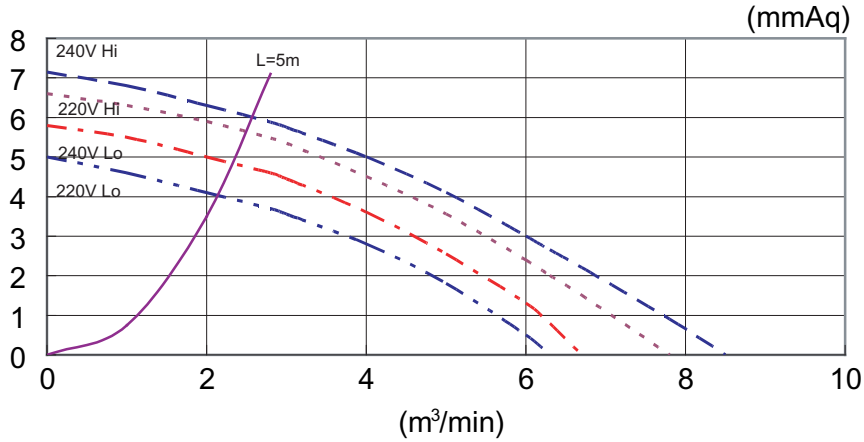
■MODELS : AU∗12L, AU∗14L, AU∗18L

●OUTLET AIR

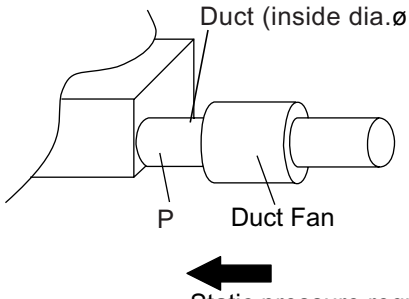


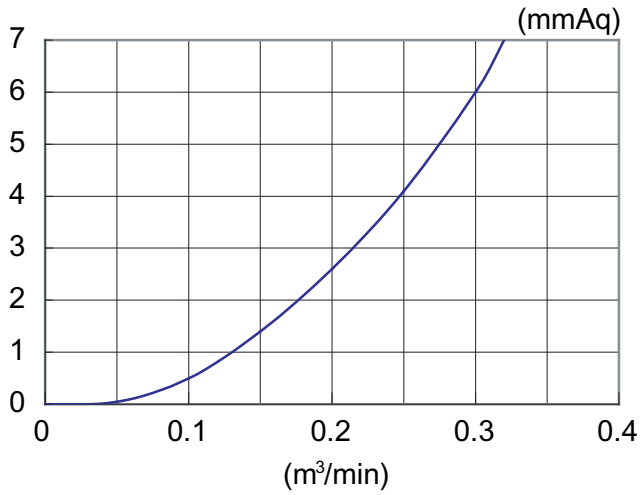






●FRESH AIR





MULTI TYPE
3ROOM TYPE

8. OPERATION NOISE

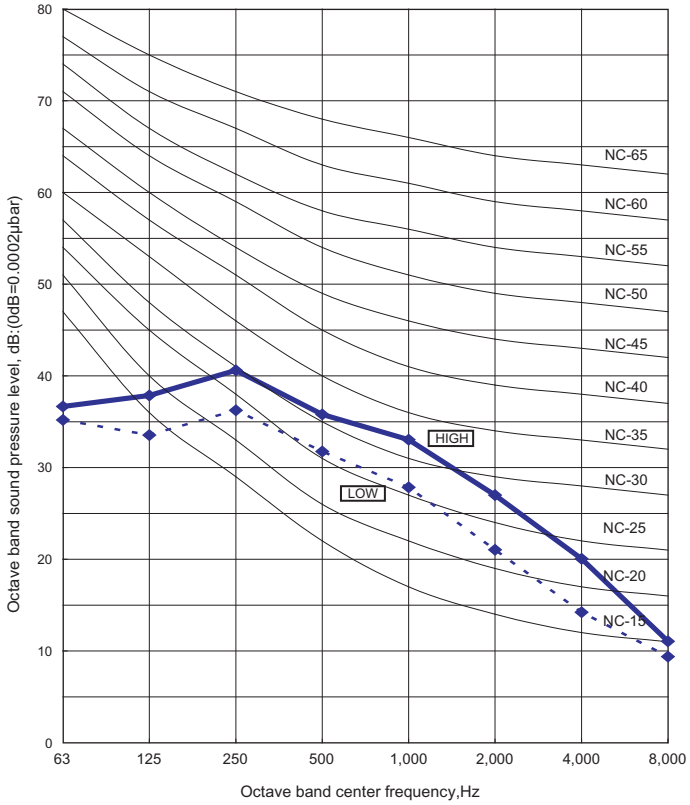
8-1. NOISE LEVEL CURVE

8-1-1. DUCTED MODEL

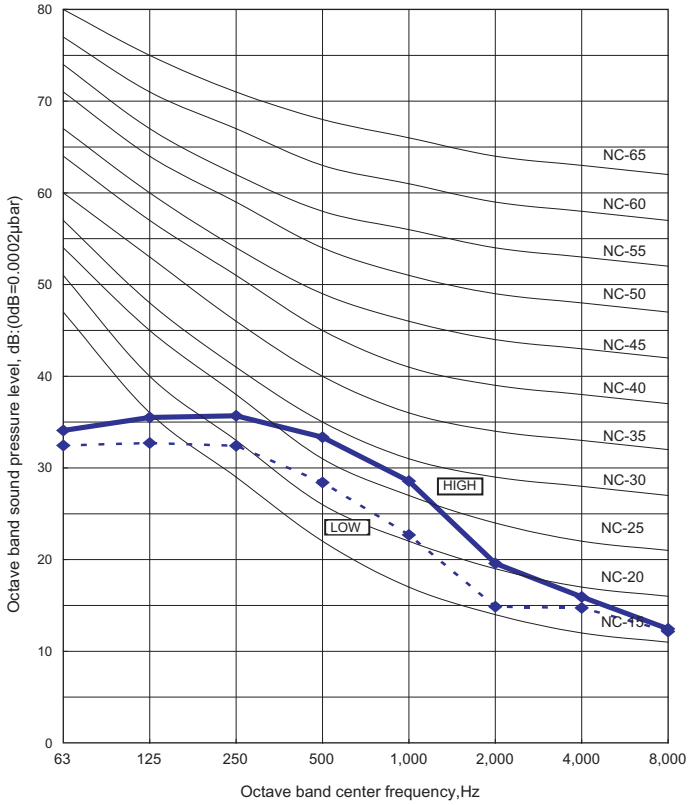
Condition
Static pressure : 0Pa
Static mode : Normal

■COOLING

●MODEL : AR∗9L

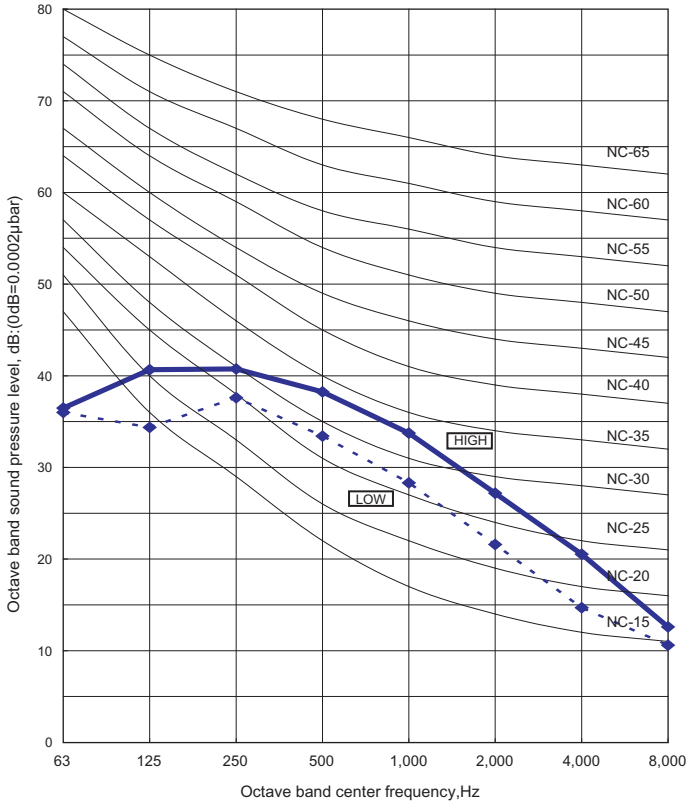


●MODEL : AR∗12L

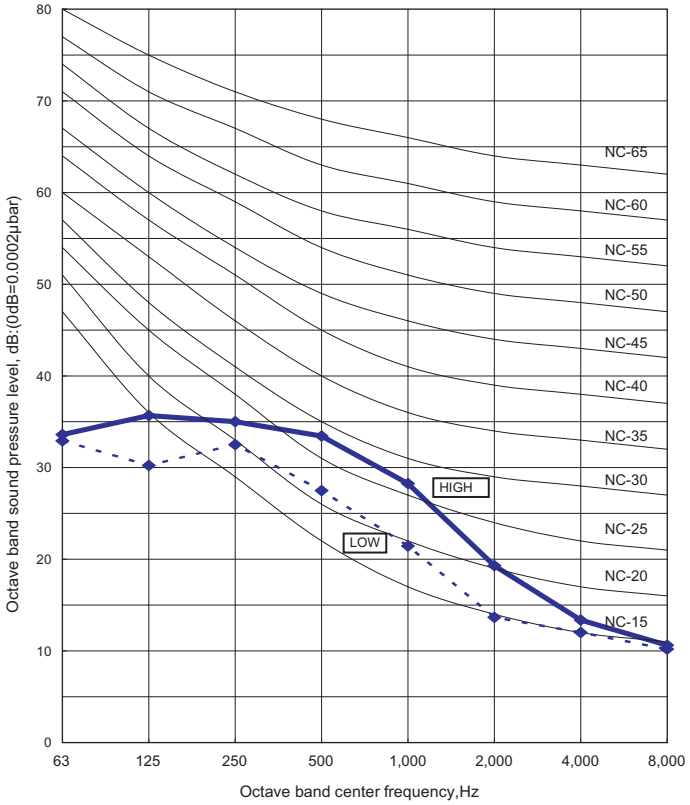


■HEATING

●MODEL : AR∗9L



●MODEL : AR∗12L

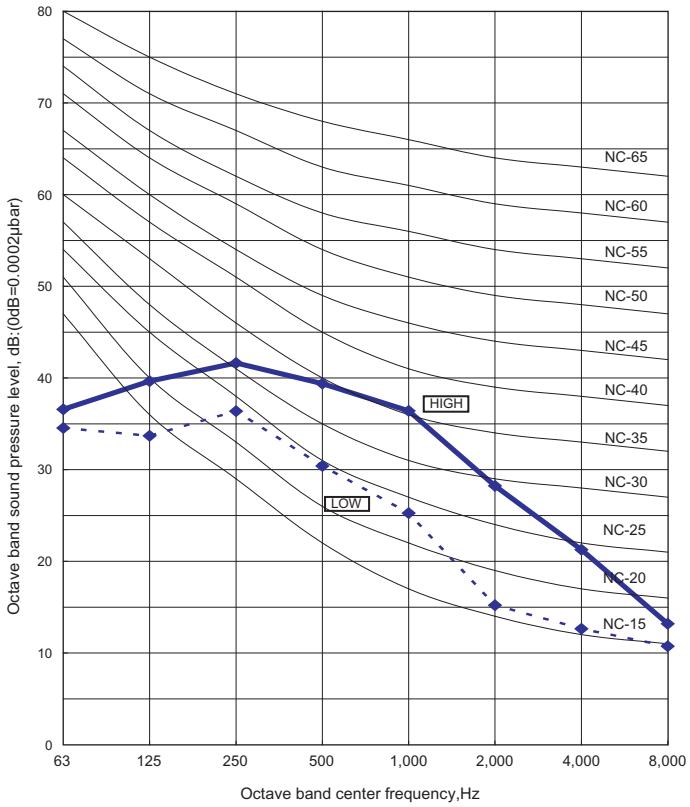


MULTI TYPE
3ROOM TYPE

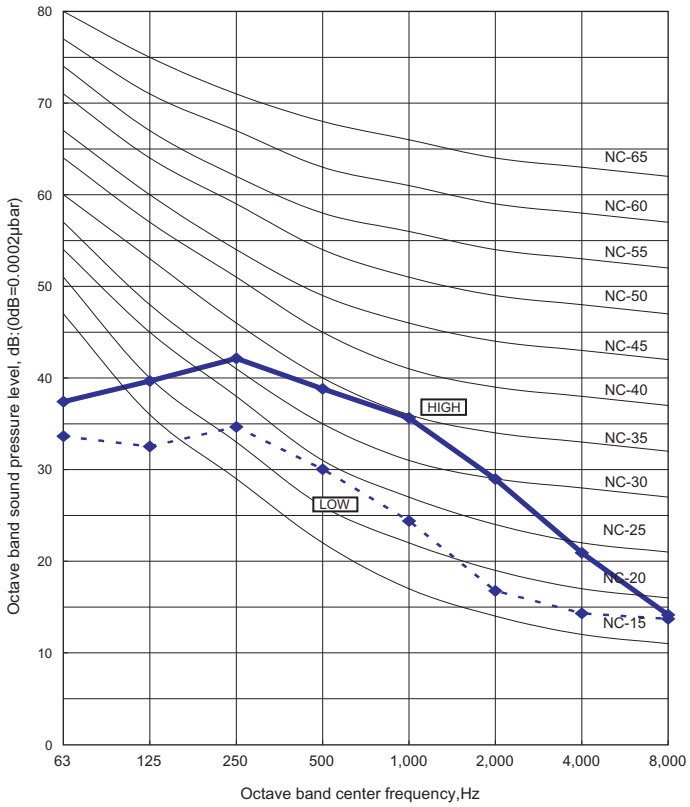
Condition
Static pressure : 0Pa
Static mode : Normal

■COOLING

●MODEL : AR∗14L

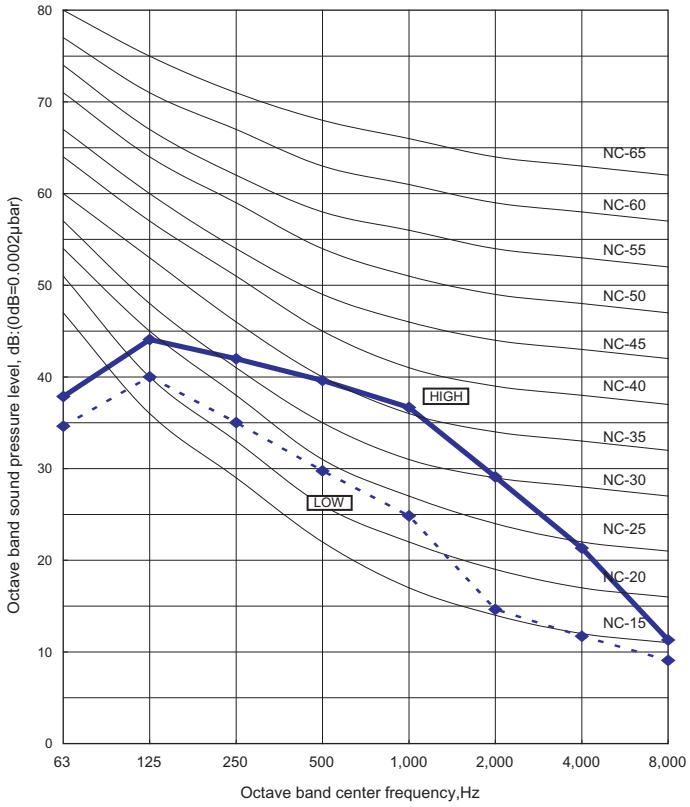


●MODEL : AR∗18L

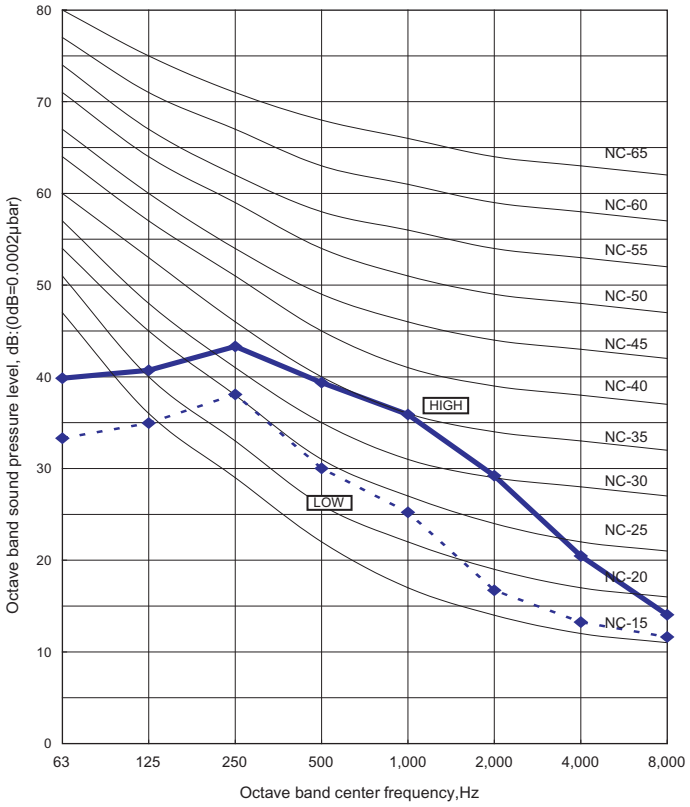


■HEATING

●MODEL : AR∗14L



●MODEL : AR∗18L

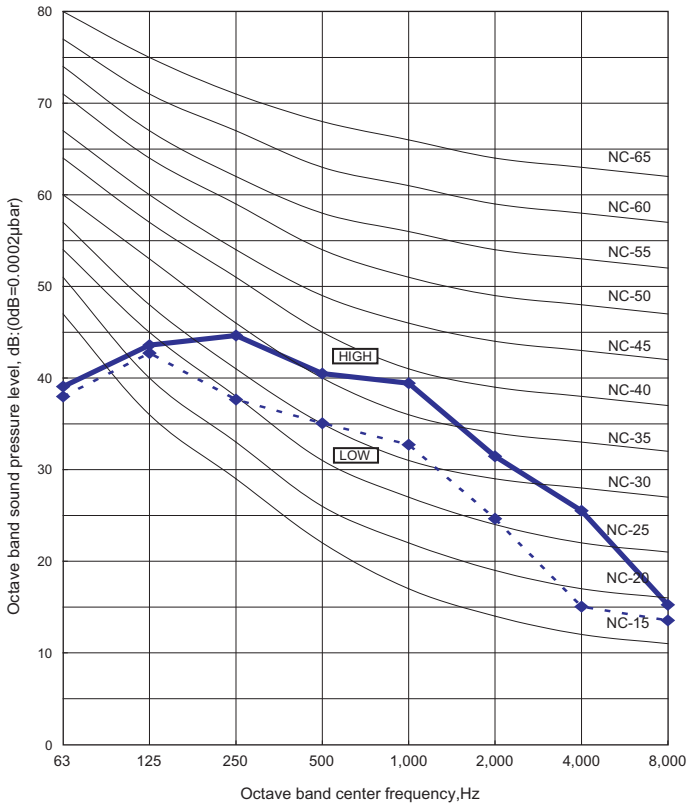


MULTI TYPE
3ROOM TYPE

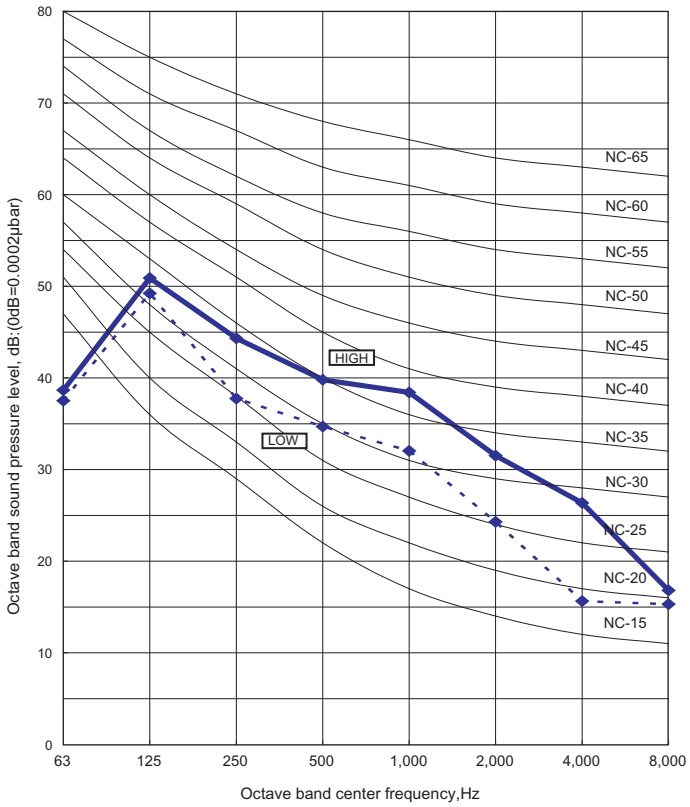
8-1-2. CASSETTE MODEL

■COOLING

●MODEL : AU∗12L

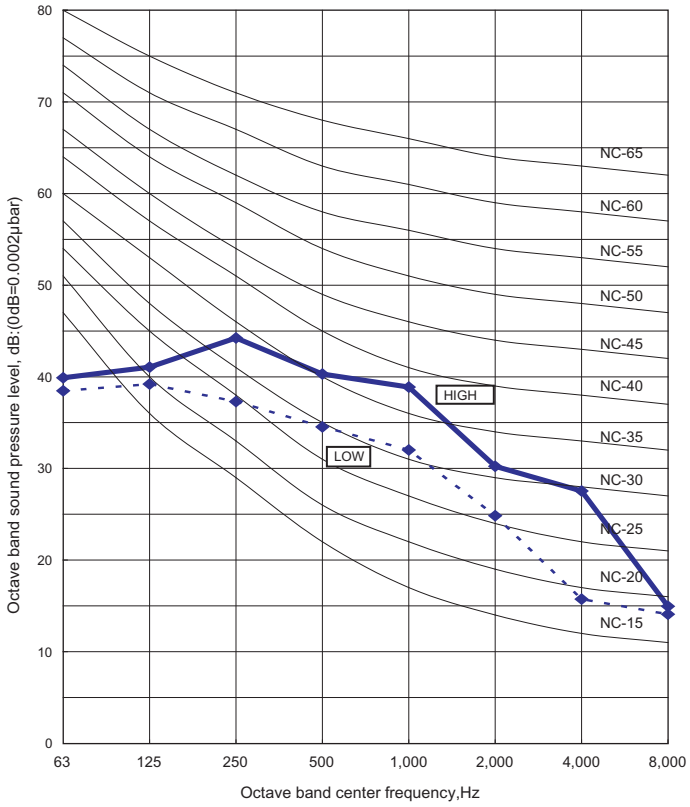


●MODEL : AU∗14L

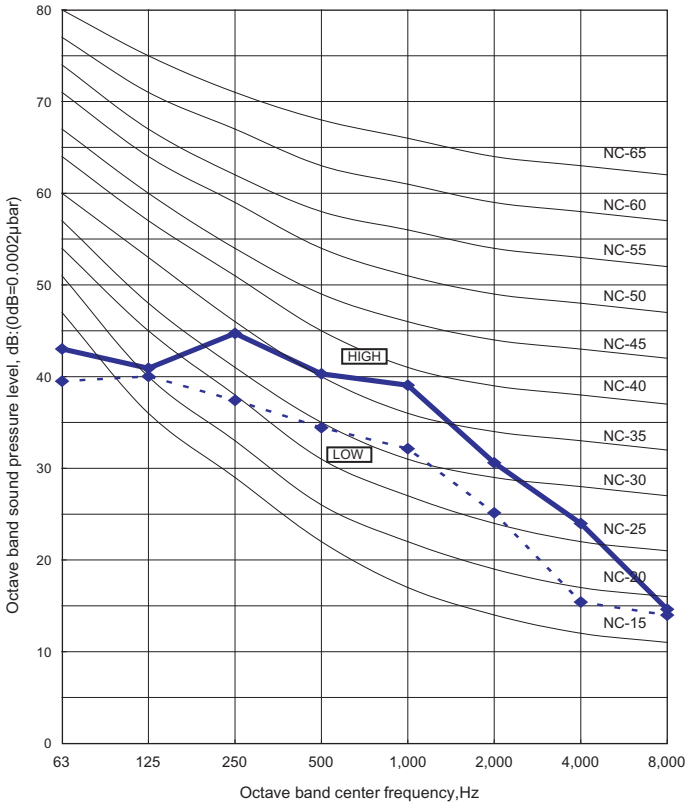


■HEATING

●MODEL : AU∗12L



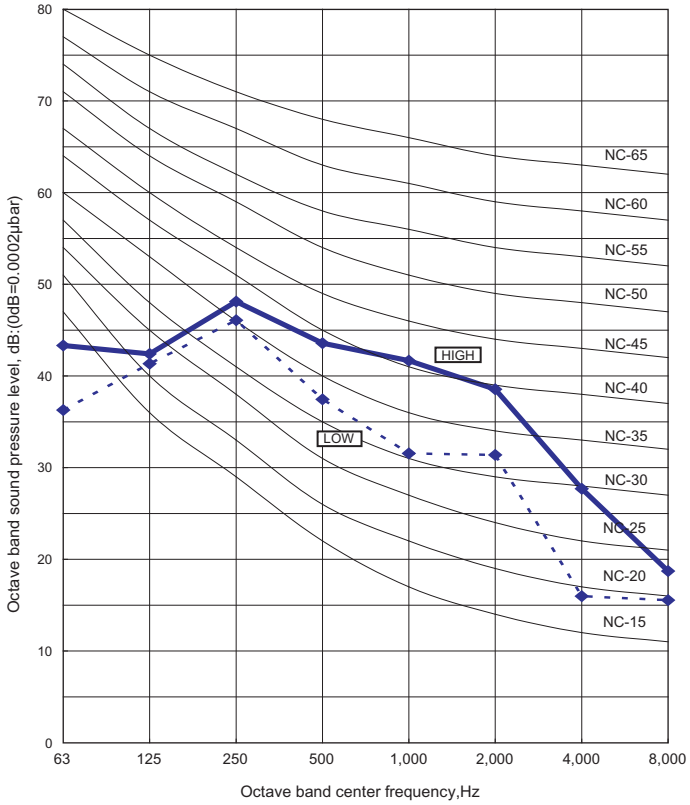
●MODEL : AU∗14L



MULTI TYPE
3ROOM TYPE

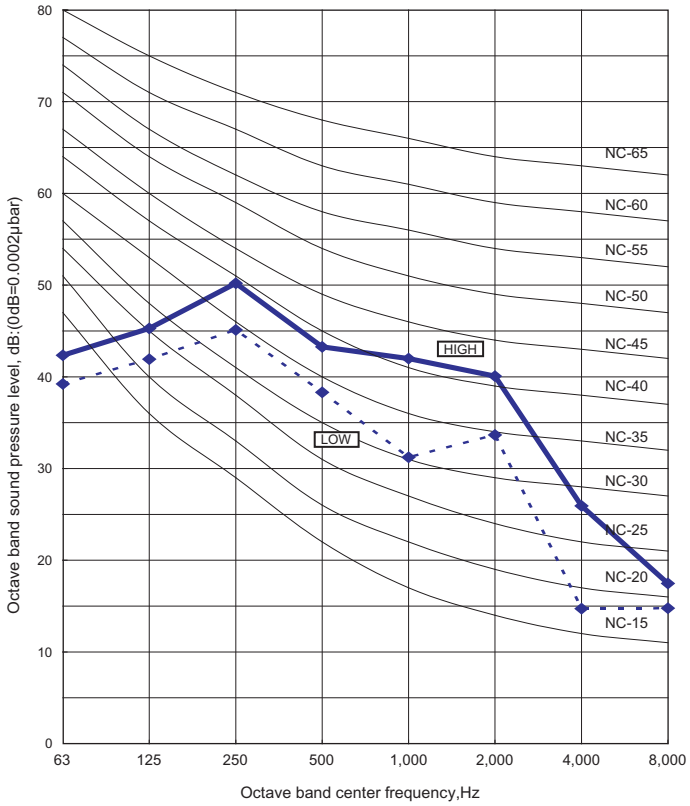
■COOLING

●MODEL : AU∗18L



■HEATING

●MODEL : AU∗18L

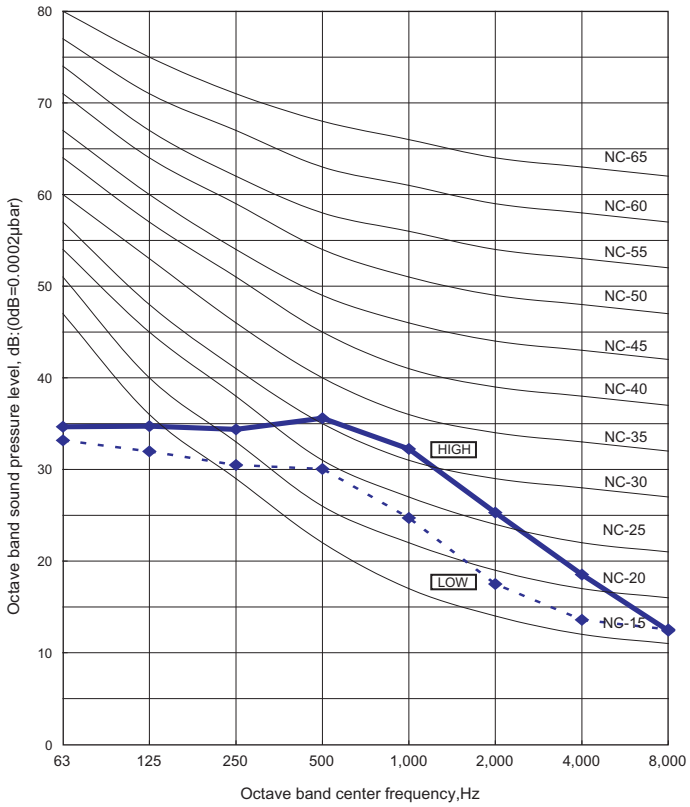


MULTI TYPE
3ROOM TYPE

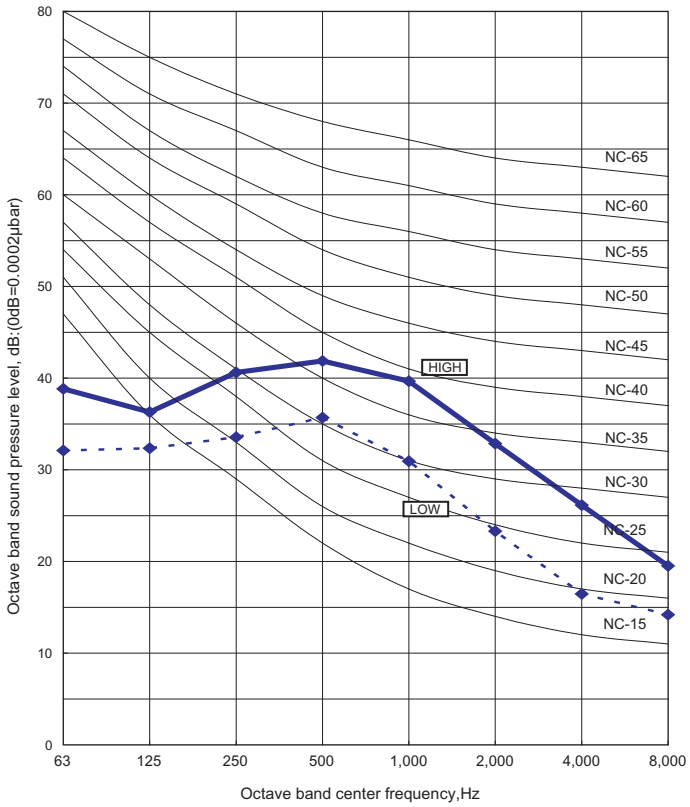
8-1-3. UNIVERSAL MODEL

■COOLING

●MODEL : AB∗14L

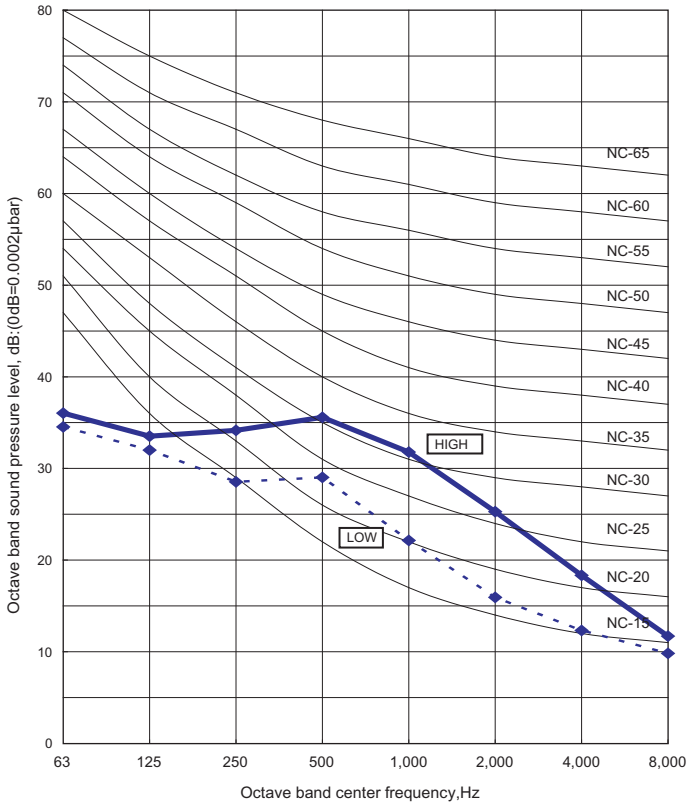


●MODEL : AB∗18L

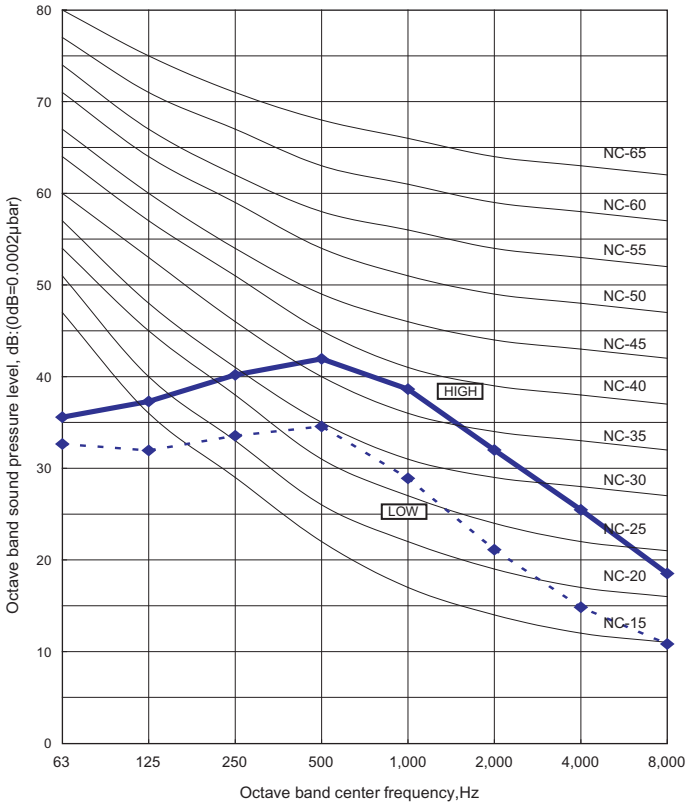


■HEATING

●MODEL : AB∗14L



●MODEL : AB∗18L

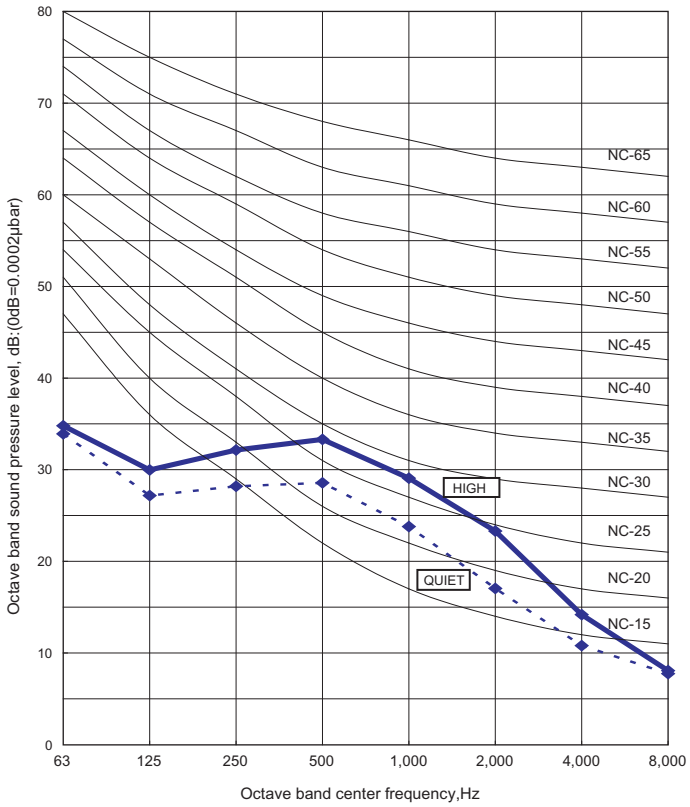


MULTI TYPE
3ROOM TYPE

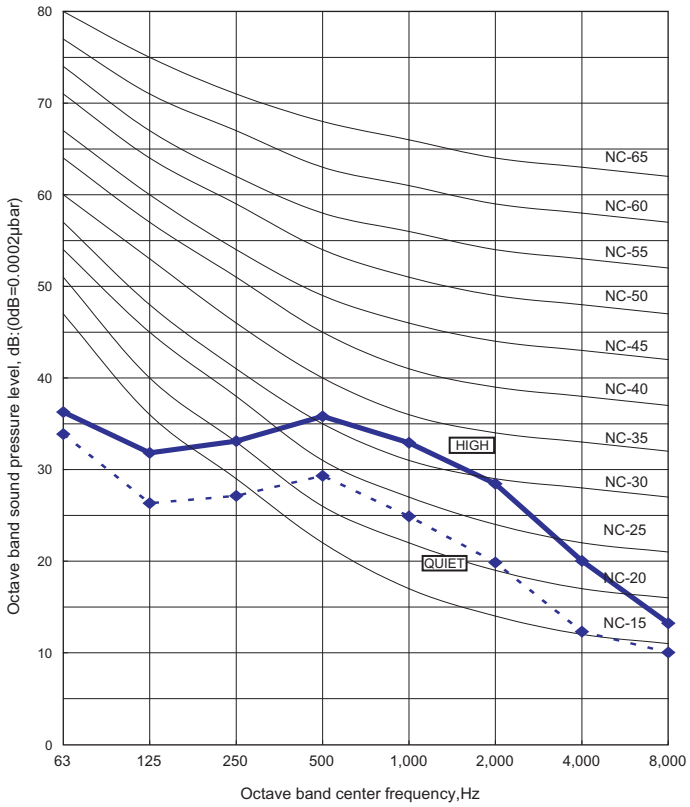
8-1-4. WALL MOUNTED MODEL

■COOLING

●MODEL : AS∗7L

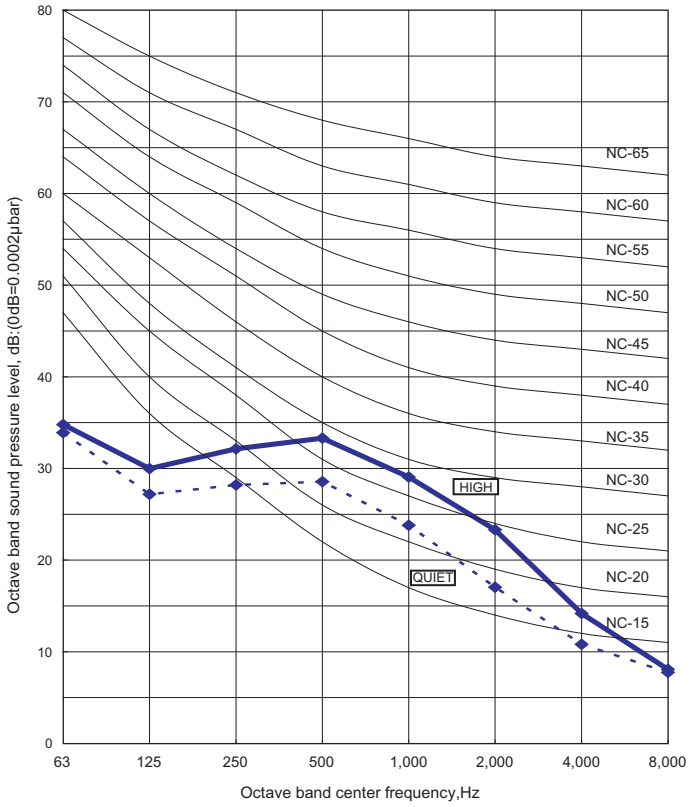


●MODEL : AS∗9L

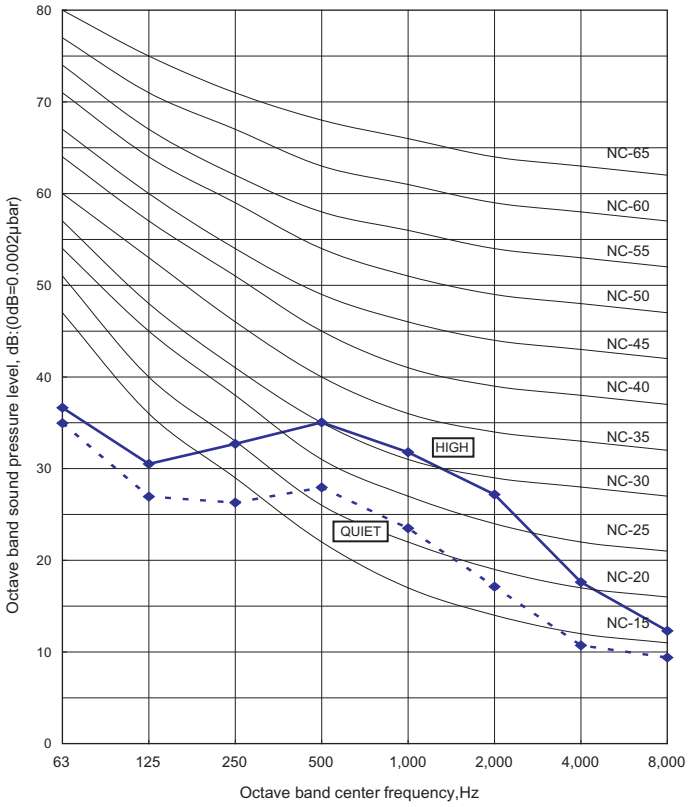


■HEATING

●MODEL : AS∗7L



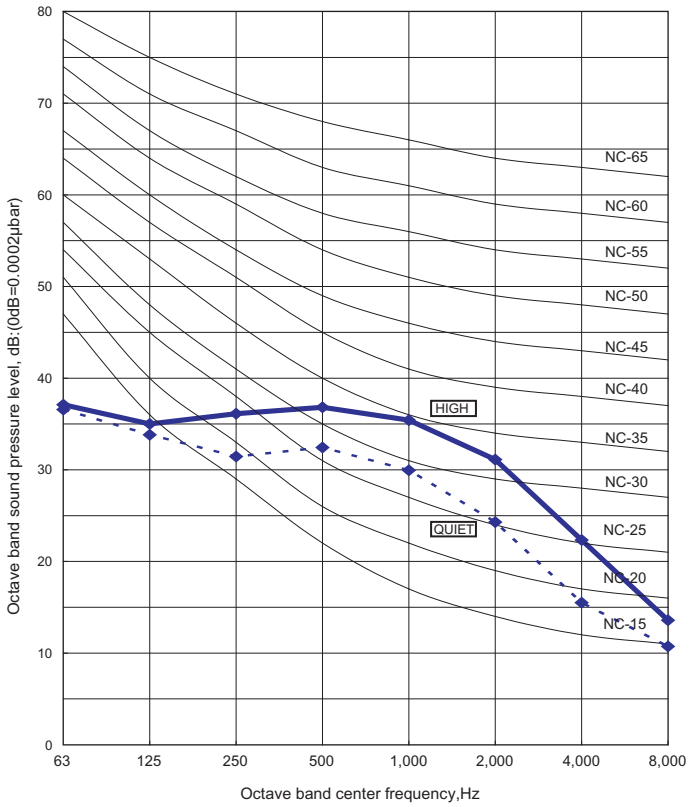
●MODEL : AS∗9L



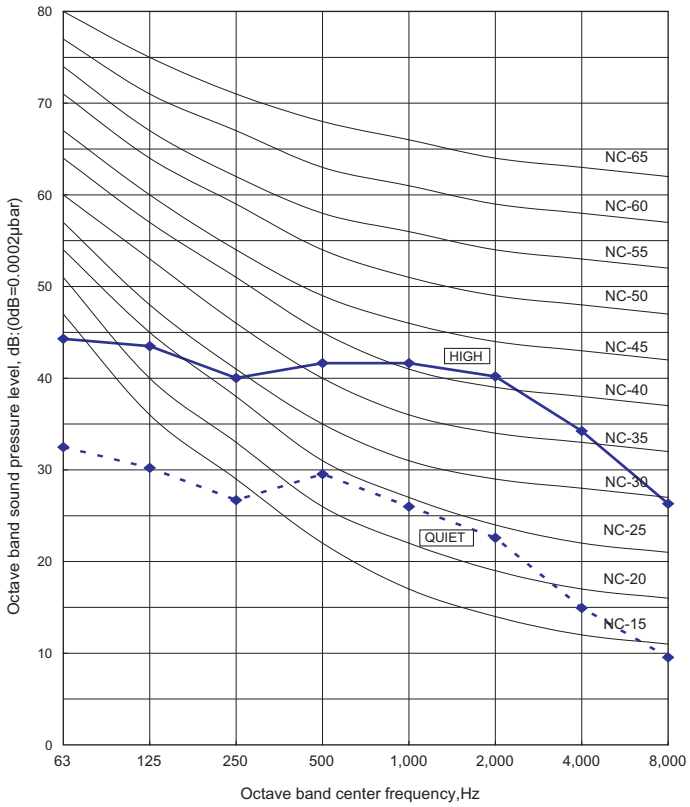
MULTI TYPE
3ROOM TYPE

■COOLING

●MODEL : AS∗12L

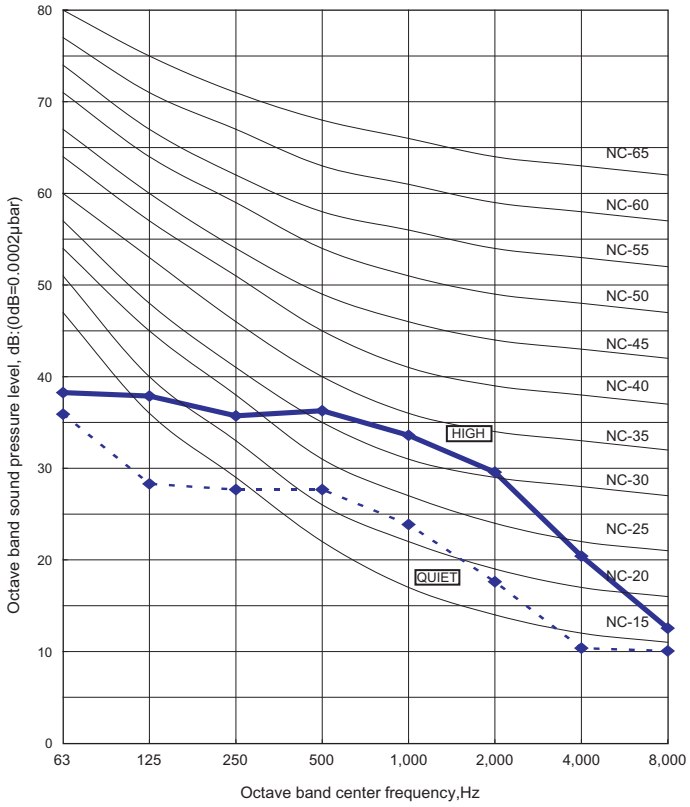


●MODEL : AS∗A14L

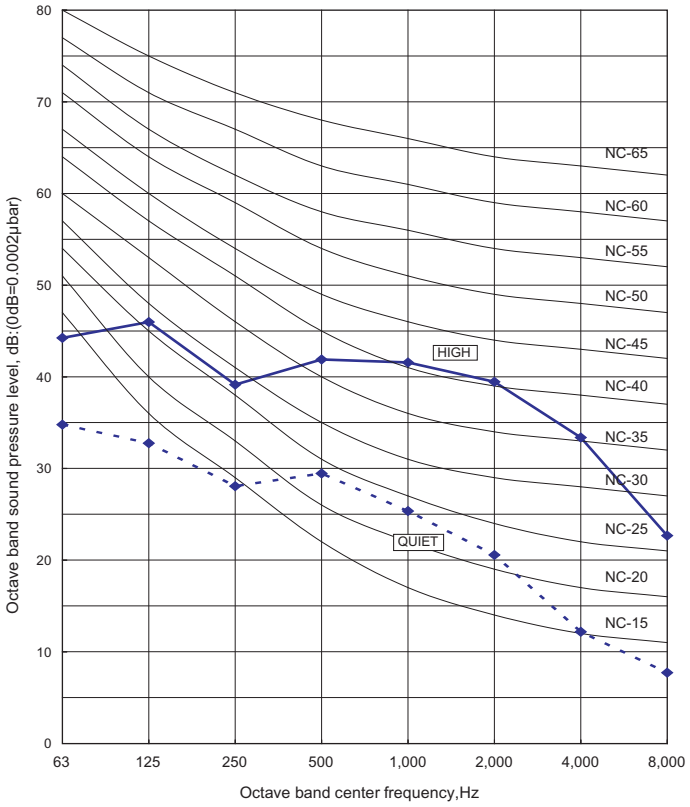


■HEATING

●MODEL : AS∗12L



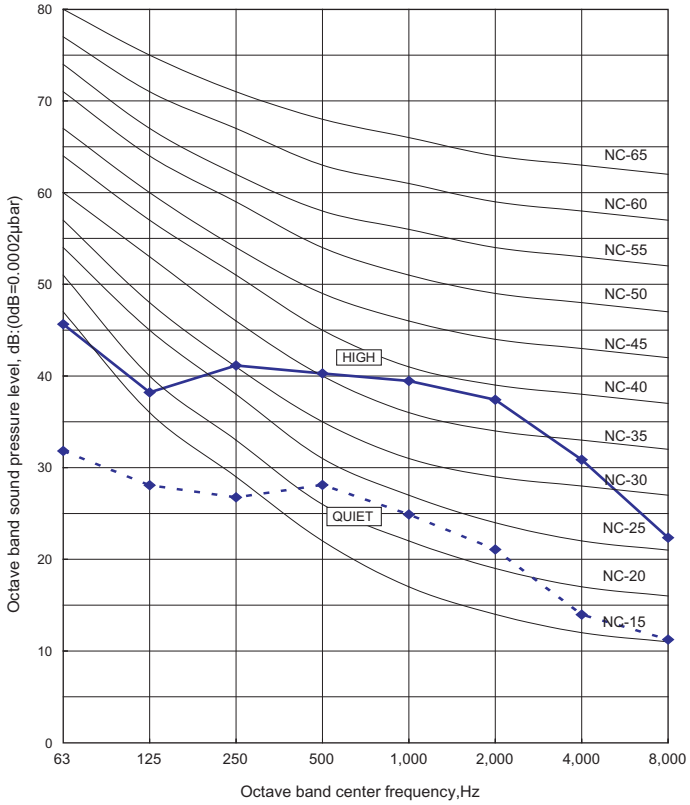
●MODEL : AS∗A14L



MULTI TYPE
3ROOM TYPE

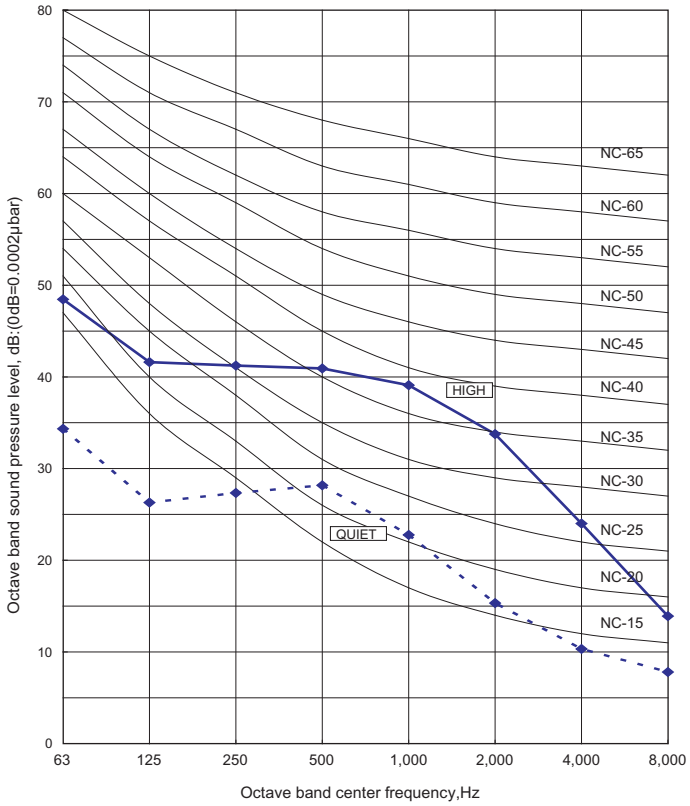
■COOLING

●MODEL : AS∗A18L



■HEATING

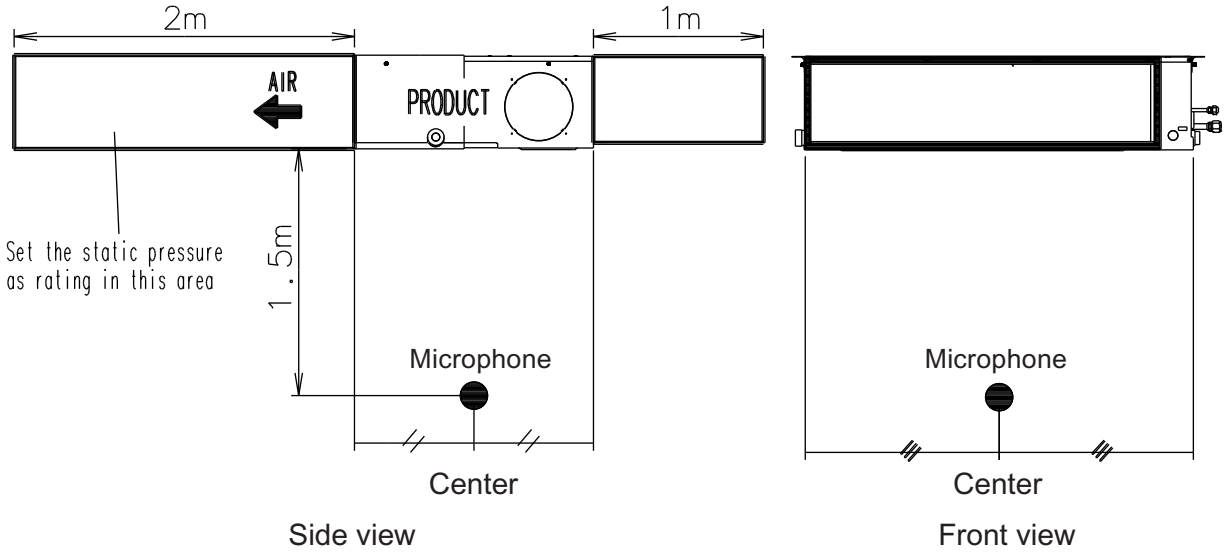
●MODEL : AS∗A18L



MULTI TYPE
3ROOM TYPE

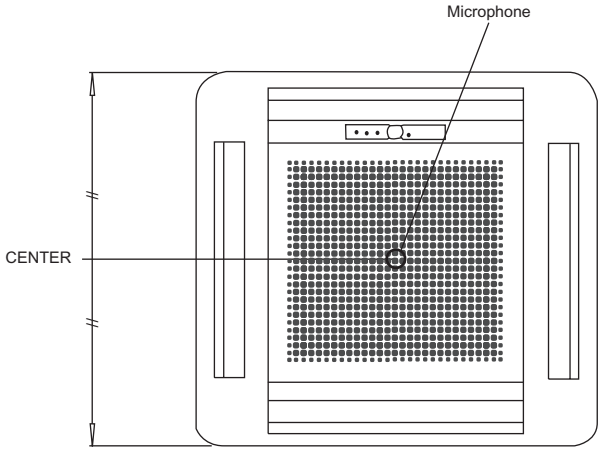
8-2. SOUND LEVEL CHECK POINT

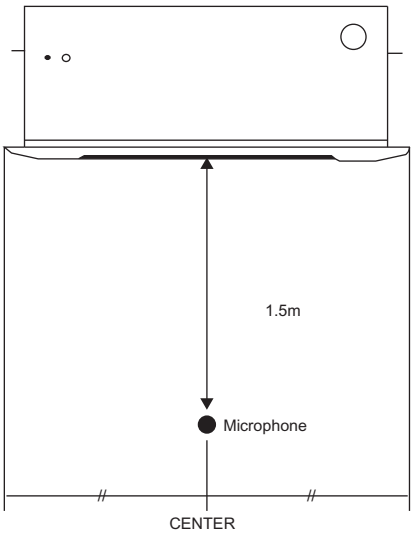
8-2-1. DUCTED MODEL



MULTI TYPE
3ROOM TYPE

8-2-2. CASSETTE MODEL

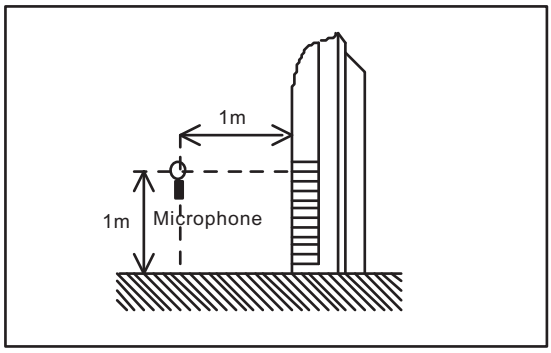


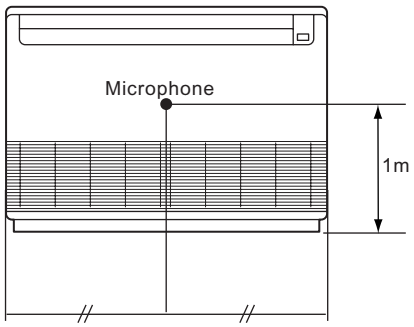


MULTI TYPE
3ROOM TYPE

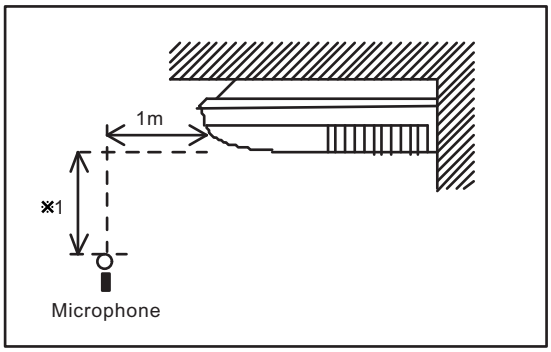
8-2-3. CEILING MODEL

● FLOOR CONSOLE

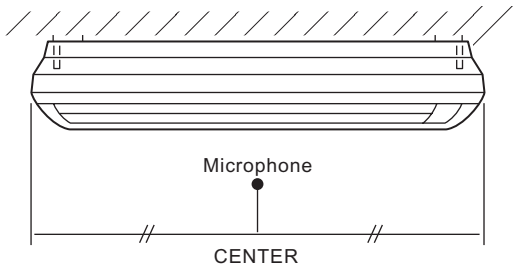




● UNDER CEILING

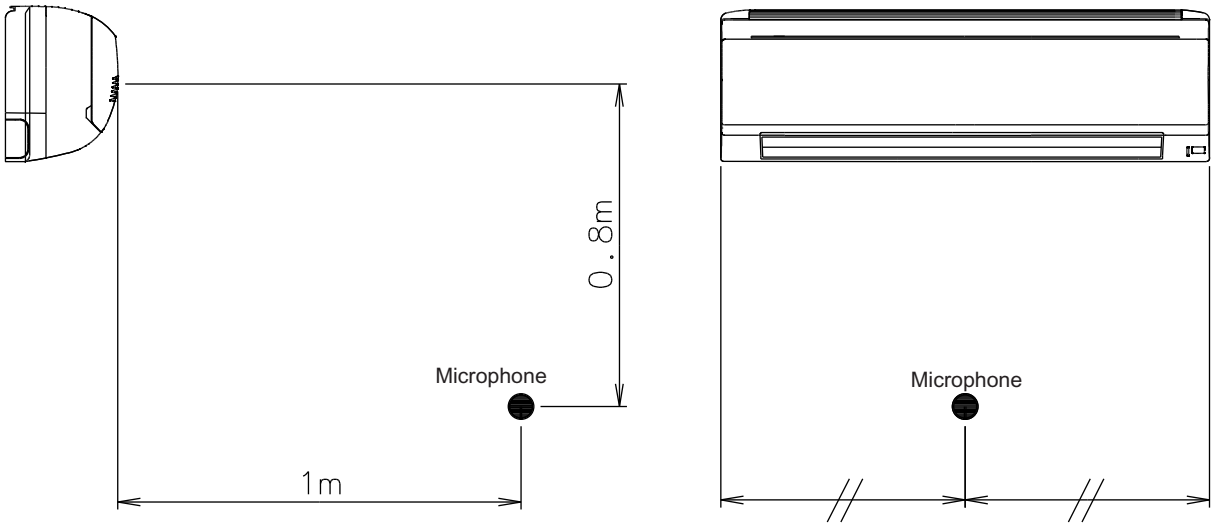


※1 0.8m (For AB12～AB24)
1m (For AB30～AB54)



MULTI TYPE
3ROOM TYPE

8-2-4. WALL MOUNTED MODEL



9. ELECTRIC CHARACTERISTICS

MULTI TYPE
3ROOM TYPE

Model Name			AS＊7L AS＊9L AS＊12L	AS＊A14L AS＊A18L	AR＊9L	AR＊12L AR＊14L AR＊18L	AU＊12L AU＊14L	AU＊18L	AB＊14L	AB＊18L
Power Supply	Voltage	V	230～							
	Frequency	Hz	50							
Max Operating Current		A	0.19	0.30	0.21	0.42	0.15	0.19	0.24	0.37
*1) Wiring Spec.	Connection Cable	mm^2	1.5							
	Limited wiring length	m	26							

*1) Wiring Spec.
Selected Sample
(Selected based on Japan Electrotechnical Standard and Codes Committee E0005)

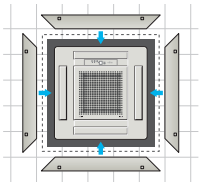
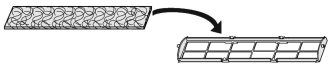
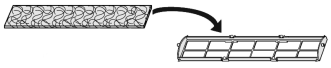
10. SAFETY DEVICE

MULTI TYPE
3ROOM TYPE

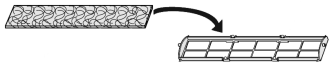
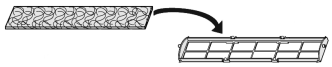
	Protection form	Model				
		AS ∗ 7L AS ∗ 9L AS ∗ 12L	AS ∗ A14L AS ∗ A18L	AR ∗ 9L AR ∗ 12L AR ∗ 14L AR ∗ 18L	AU ∗ 12L AU ∗ 14L AU ∗ 18L	AB ∗ 14L AB ∗ 18L
Circuit protection	Current fuse (PCB)	3.15A 250V	3.15A 250V	3.15A 250V	3.15A 250V	3.15A 250V
	Thermal fuse (Terminal)	103±2°C OFF 70±5°C ON	102±2°C OFF 70±5°C ON	-	-	-
Fan motor protection	Thermal protector	-	100±10°C OFF 95±10°C ON	150±5°C OFF 90±15°C ON	140±5°C OFF 90±15°C ON	140±5°C OFF 90±15°C ON
	Thermal Fuse	136±2°C OFF	-	-	-	-

11. OPTIONAL PARTS

MULTI TYPE
3ROOM TYPE

Exterior	Parts name	Model No.	Summar
	Simple remote controler	UTB-YPB UTB-GPB	**For duct type model** **Simple remote controller** which gives priority to ease-of-use and allows operation of the necessary functions only.
	Remote sensor unit	UTD-RS100	**For duct type model** New amenity space can be offered by installing the **Remote sensor** in the remotecontroller.
	Additional grille	UTG-AGDA-W	**For cassette type model** **Additional grill** hides the gap between the ceilling hole and the outlet grill.
	Air purifying filter	UTR-FA04-1 APPLE- CATECHIN (FILTER+FRAME) ×2 UTR-FC04-1 APPLE- CATECHIN (FILTER ONLY) ×2	**For wall mounted type model (AS∗ 7,9,12L)** Fine dust, invisible mold spores, and harmful microorganisms are absorbed onto **Apple catechin filter** by statics electricity, and further growth is inhibited and detectivated by the polyhenol ingredient extacted from apples.
	Air purifying filter	UTR-FA04-2 LONG-LIFE ION DEODORIZATION FILTER (FILTER+FRAME) ×2 UTR-FC04-2 LONG-LIFE ION DEODORIZATION FILTER (FILTER ONLY) ×2	**For wall mounted type model (AS∗ 7,9,12L)** **Long-life ion deodorazation filter** deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.

MULTI TYPE
3ROOM TYPE

Exterior	Parts name	Model No.	Summar
	Air purifying filter	UTR-FA03-2 APPLE-CATECHIN FILTER (FILTER+FRAME) ×2 UTR-FC03-2 APPLE-CATECHIN FILTER (FILTER ONLY) ×2	**For wall mounted type model (AS∗A14,18L)** Fine dust, invisible mold spores, and harmful microorganisms are absorbed onto **Apple catechin filter** by statics electricity, and further groth in inhibited and detectivated by thepolihenol ingredient extacted from apples.
	Air purifying filter	UTR-FA03-3 NEGATIVE AIR IONS DEODORIZING FILTER (FILTER+FRAME) ×2 UTR-FC03-3 NEGATIVE AIR IONS DEODORIZING FILTER (FILTER ONLY) ×2	**For wall mounted type model (AS∗A14,18L)** **Negative air ions deodorizing filter** comprises pottery super micro particles, which can produce negative air ions having the effect of deodorizing and can absorb and remit the peculiar smell at home.

Refrigerant
R410A

OUTDOOR UNIT

2. MULTI TYPE : 3ROOM TYPE

- AO＊A18LAT3
- AO＊A24LAT3

D2D_AO003E/01
2006.09.27

1. SPECIFICATIONS

THE FOLLOWING PERFORMANCE IS A VALUE AT STANDARD COMBINATIONS.

■STANDARD COMBINATION

AO∗A18L3 : AS∗A14L, AS∗7L , AS∗7L
AO∗A24L3 : AS∗A14L, AS∗9L , AS∗9L

Type					MULTI SATTELITE SYSTEM MODEL	
					INVERTER HEATPUMP	
Model name					AO＊A18LAT3	AO＊A24LAT3
Power source					230V ～ 50Hz	
Available voltage range					198-264V ～ 50Hz	
European energy label				Cooling	A	A
				Heating	A	A
Capacity		Cooling	Rated	kW	5.4	6.8
				BTU/h	18400	23200
			Min - Max	kW	1.5 - 6.8	1.5 - 8.5
				BTU/h	5100 - 23200	5100 - 29000
		Heating	Rated	kW	6.8	8.0
				BTU/h	23200	27300
			Min - Max	kW	1.5 - 8.0	1.5 - 9.2
				BTU/h	5100 - 27300	5100 - 31400
Input power		Cooling	Rated	kW	1.35	1.94
			Min - Max		0.45 - 2.06	0.45 - 2.87
		Heating	Rated		1.62	2.00
			Min - Max		0.42 - 2.06	0.42 - 2.87
Current		Cooling	Rated	A	5.9	8.5
			Max		9.0	12.5
		Heating	Rated		7.1	8.8
			Max		9.0	12.5
EER		Cooling		kW/kW	4.00	3.50
COP		Heating			4.20	4.00
Starting current				A	15	
Fan	Airflow rate	Cooling		m^3/h	3050	3300
		Heating			2750	3300
	Type × Q'ty				Propeller × 1	
	Motor output			W	103	
Sound pressure level		Cooling		dB(A)	46	48
		Heating			47	49
Heat exchanger type		Dimensions (H × W × D)		mm	672×900×36.38	
		Fin pich			1.45	
		Rows x Stages			2×32	
		Pipe type			Copper	
		Fin type			Aluminium	
Compressor	Type × Q'ty				TWIN ROTARY ×1	
	Motor output			W	1100	
Refrigerant		Type			R410A	
		Charge		g	2200	
Refrigerant oil		Type			POE	
Enclosure		Material			Steel sheet	
		Colour			Beige(10YR7.5/1.0NN)	
Dimensions (H×W×D)	Net			mm	700×900×330	
	Gross				835×1050×445	
Weight	Net			kg(lb.)	55 (121)	
	Gross				63 (139)	
Connection pipe	Size	Liquid		mm	Φ 6.35(1/4in.) ×3	
		Gas			Φ 9.52(3/8in.) ×2, ※Φ12.70(1/2in.)×1	
	Method				Flare	
	Max. length (Total)			m	50(chargeless:30)	
	Max.length (Each)				25	
	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	

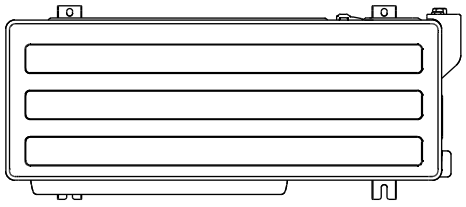
※Connect to connection valve by the adapter.

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 : 7.5 m, Height difference : 0 m.(Outdoor unit - Indoor unit)

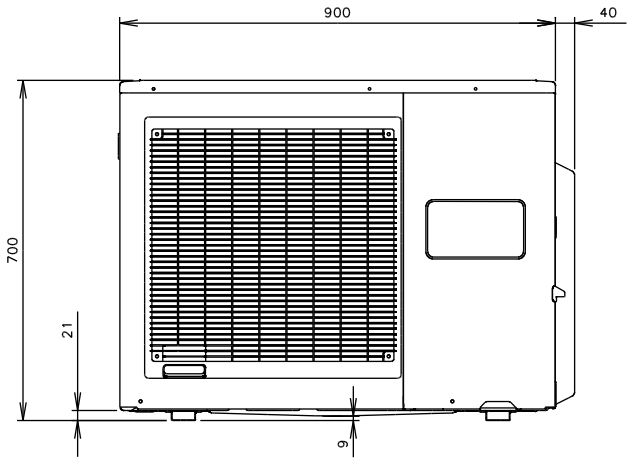
2. DIMENSIONS

■MODELS : AO∗A18L3, AO∗A24L3

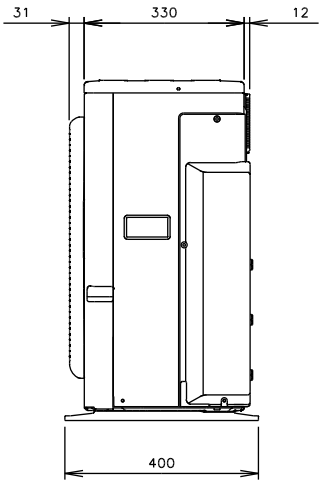
(Unit : mm)



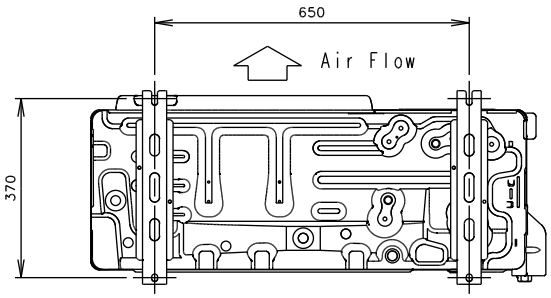
Top view



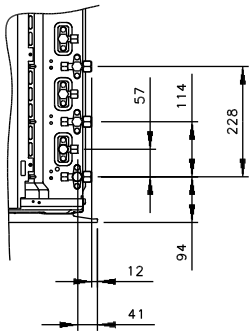
Front view



Side view

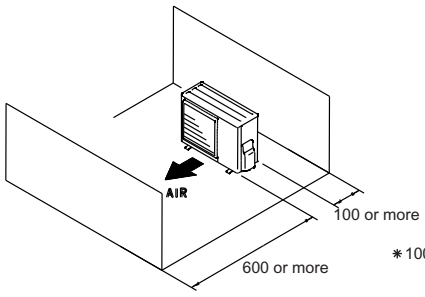


Bottom view

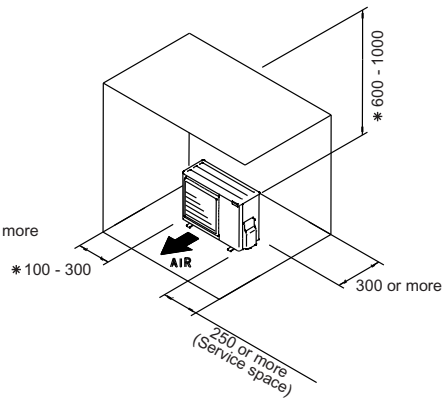


■MOUNTING POSITION

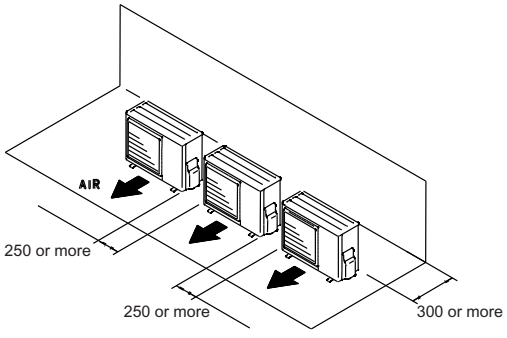
When there are obstacles at the back or front sides.



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



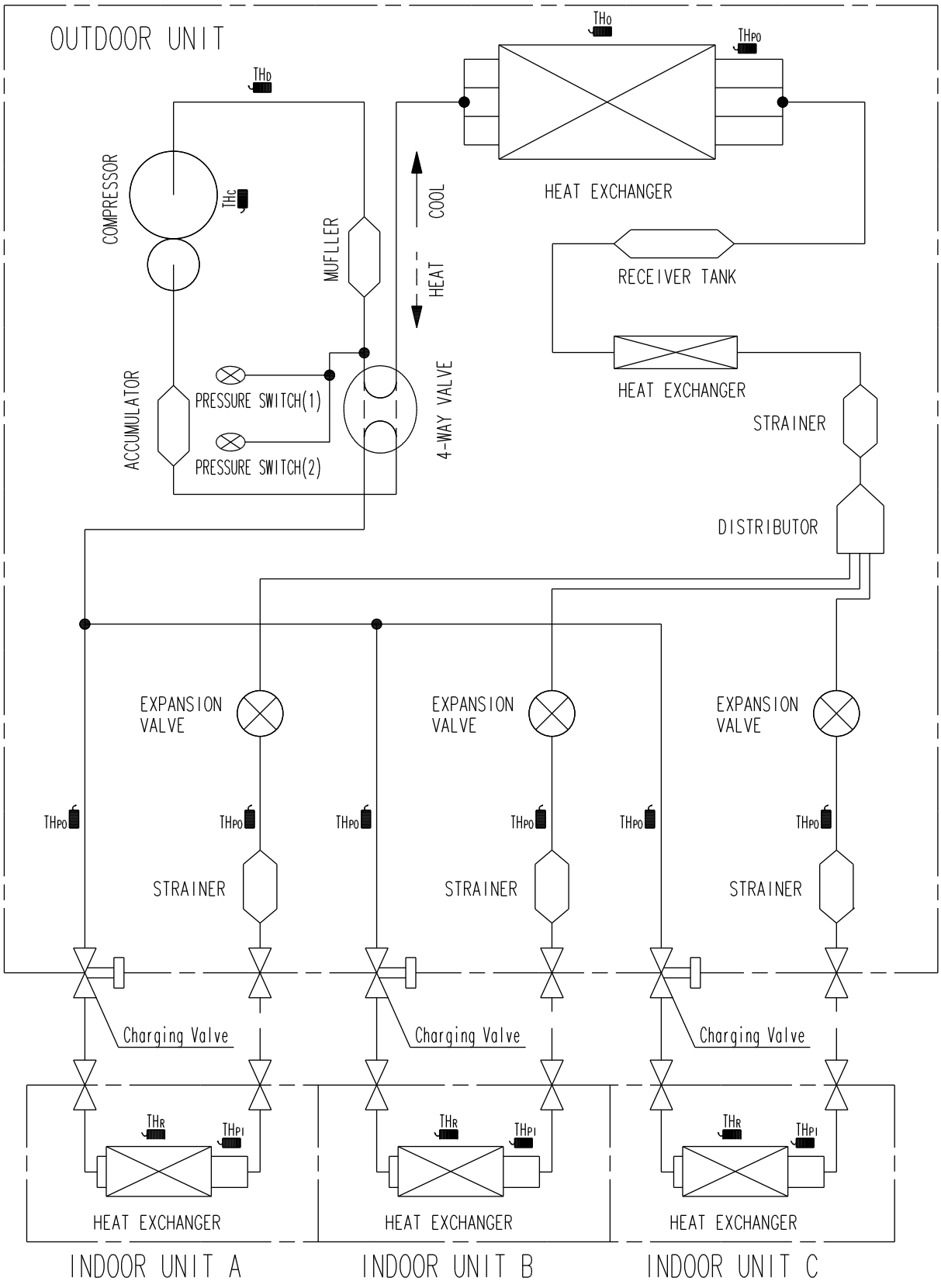
When there are obstacles at the back, side with the installation of more than one unit.



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

3. REFRIGERANT CIRCUIT

■MODELS : AO∗A18L3, AO∗A24L3



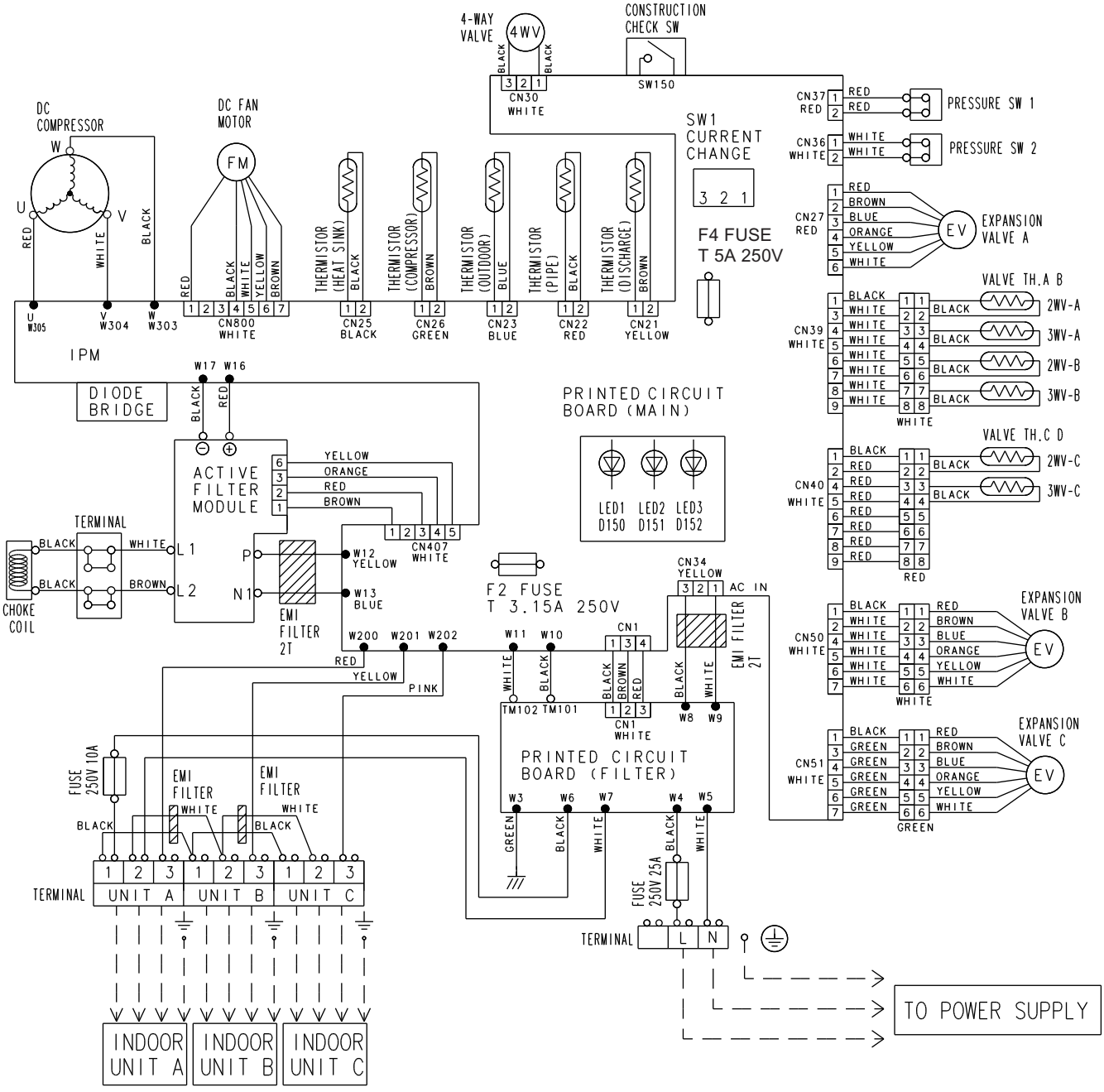
THD : THERMISTOR(DISCHARGE TEMP.)
THO : THERMISTOR(OUTDOOR TEMP.)
THPO : THERMISTOR(PIPE TEMP.)
THC : THERMISTOR(COMPRESSOR TEMP.)

THR : THERMISTOR(ROOM TEMP.)
THPI : THERMISTOR(PIPE TEMP.)

OUTDOOR UNIT
AO∗A18-24L3

4. WIRING DIAGRAMS

■MODELS : AO∗A18L3, AO∗A24L3



OUTDOOR UNIT
AO∗A18-24L3

5. COEFFICIENT OF COMPENSATION FOR PIPE LENGTH AND HEIGHT DIFFERENCE

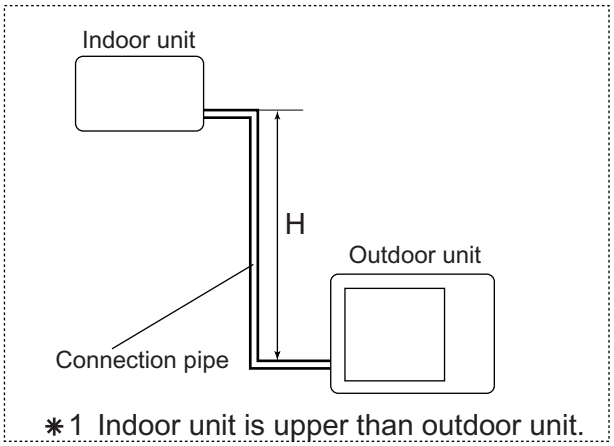
■MODELS : INDOOR UNIT 7000BTU (AO∗A18L3, AO∗A24L3)

OUTDOOR UNIT
AO∗A18-24L3

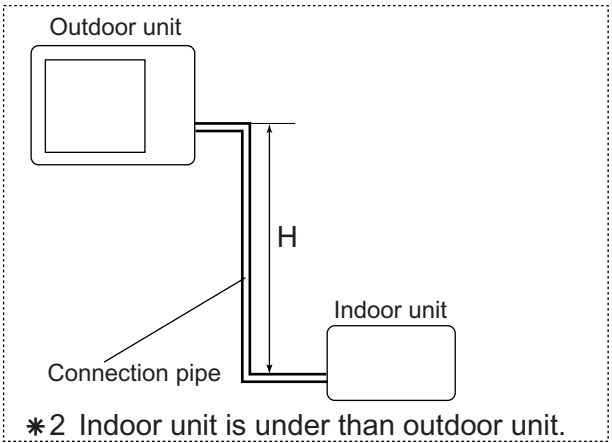
COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	∗1 Indoor unit is upper than outdoor unit	15	-	-	-	0.979	0.965	0.951
		10	-	-	0.993	0.979	0.965	0.951
		7.5	-	1.000	0.993	0.979	0.965	0.951
		5	1.003	1.000	0.993	0.979	0.965	0.951
		0	1.003	1.000	0.993	0.979	0.965	0.951
	∗2 Indoor unit is under than outdoor unit	-5	0.995	0.992	0.985	0.971	0.957	0.943
		-7.5	-	0.988	0.981	0.967	0.953	0.940
		-10	-	-	0.977	0.963	0.950	0.936
		-15	-	-	-	0.956	0.942	0.928

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	∗1 Indoor unit is upper than outdoor unit	15	-	-	-	0.962	0.944	0.925
		10	-	-	0.983	0.967	0.948	0.930
		7.5	-	0.993	0.986	0.970	0.951	0.932
		5	1.002	0.995	0.988	0.972	0.953	0.934
		0	1.007	1.000	0.993	0.977	0.958	0.939
	∗2 Indoor unit is under than outdoor unit	-5	1.007	1.000	0.993	0.977	0.958	0.939
		-7.5	-	1.000	0.993	0.977	0.958	0.939
		-10	-	-	0.993	0.977	0.958	0.939
		-15	-	-	-	0.977	0.958	0.939

Height difference H



∗1 Indoor unit is upper than outdoor unit.



∗2 Indoor unit is under than outdoor unit.

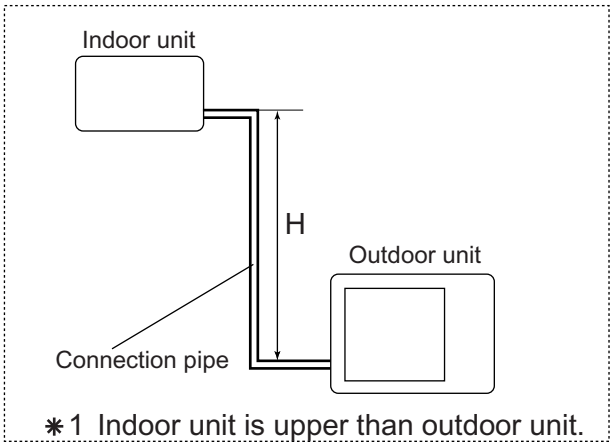
OUTDOOR UNIT
AO∗A18-24L3

■MODELS : INDOOR UNIT 9000BTU (AO∗A18L3, AO∗A24L3)

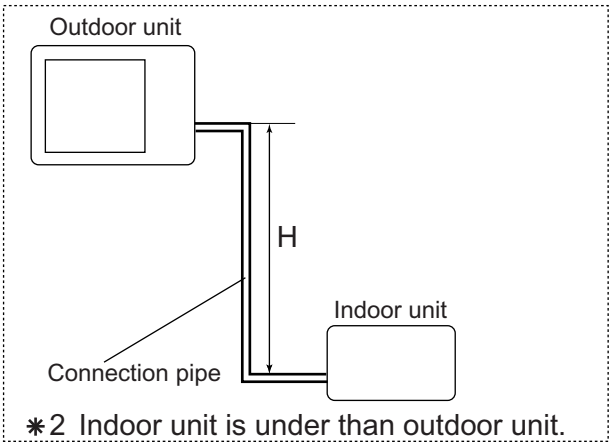
COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	∗1 Indoor unit is upper than outdoor unit	15	-	-	-	0.979	0.965	0.951
		10	-	-	0.993	0.979	0.965	0.951
		7.5	-	1.000	0.993	0.979	0.965	0.951
		5	1.007	1.000	0.993	0.979	0.965	0.951
		0	1.007	1.000	0.993	0.979	0.965	0.951
	∗2 Indoor unit is under than outdoor unit	-5	0.999	0.992	0.985	0.971	0.957	0.943
		-7.5	-	0.988	0.981	0.967	0.953	0.940
		-10	-	-	0.977	0.963	0.950	0.936
		-15	-	-	-	0.956	0.942	0.928

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	∗1 Indoor unit is upper than outdoor unit	15	-	-	-	0.962	0.944	0.925
		10	-	-	0.983	0.967	0.948	0.930
		7.5	-	0.993	0.986	0.970	0.951	0.932
		5	1.002	0.995	0.988	0.972	0.953	0.934
		0	1.007	1.000	0.993	0.977	0.958	0.939
	∗2 Indoor unit is under than outdoor unit	-5	1.007	1.000	0.993	0.977	0.958	0.939
		-7.5	-	1.000	0.993	0.977	0.958	0.939
		-10	-	-	0.993	0.977	0.958	0.939
		-15	-	-	-	0.977	0.958	0.939

Height difference H



∗1 Indoor unit is upper than outdoor unit.



∗2 Indoor unit is under than outdoor unit.

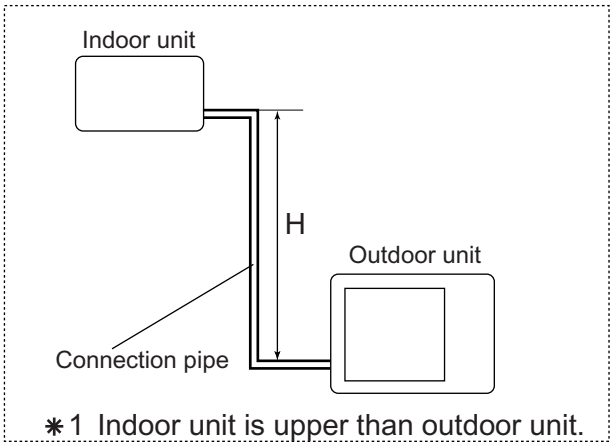
OUTDOOR UNIT
AO∗A18-24L3

■MODELS : INDOOR UNIT 12000BTU (AO∗A18L3, AO∗A24L3)

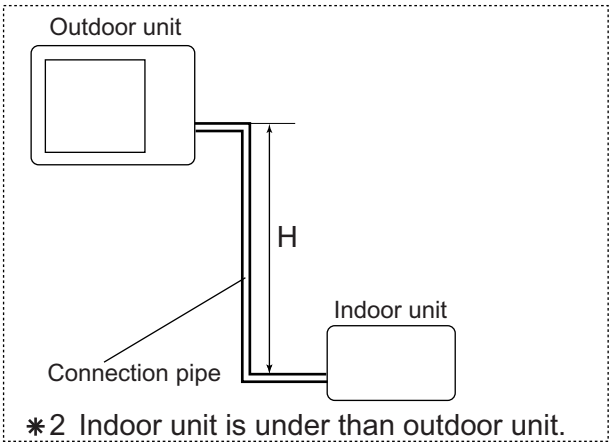
COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	∗1 Indoor unit is upper than outdoor unit	15	-	-	-	0.960	0.934	0.880
		10	-	-	0.986	0.960	0.934	0.880
		7.5	-	1.000	0.986	0.960	0.934	0.880
		5	1.014	1.000	0.986	0.960	0.934	0.880
		0	1.014	1.000	0.986	0.960	0.934	0.880
	∗2 Indoor unit is under than outdoor unit	-5	1.006	0.992	0.978	0.952	0.927	0.873
		-7.5	-	0.988	0.974	0.948	0.923	0.869
		-10	-	-	0.970	0.945	0.919	0.866
		-15	-	-	-	0.937	0.912	0.859

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	∗1 Indoor unit is upper than outdoor unit	15	-	-	-	0.953	0.938	0.926
		10	-	-	0.980	0.958	0.942	0.931
		7.5	-	0.993	0.983	0.961	0.945	0.933
		5	0.995	0.995	0.985	0.963	0.947	0.936
		0	1.000	1.000	0.990	0.968	0.952	0.940
	∗2 Indoor unit is under than outdoor unit	-5	1.000	1.000	0.990	0.968	0.952	0.940
		-7.5	-	1.000	0.990	0.968	0.952	0.940
		-10	-	-	0.990	0.968	0.952	0.940
		-15	-	-	-	0.968	0.952	0.940

Height difference H



∗1 Indoor unit is upper than outdoor unit.



∗2 Indoor unit is under than outdoor unit.

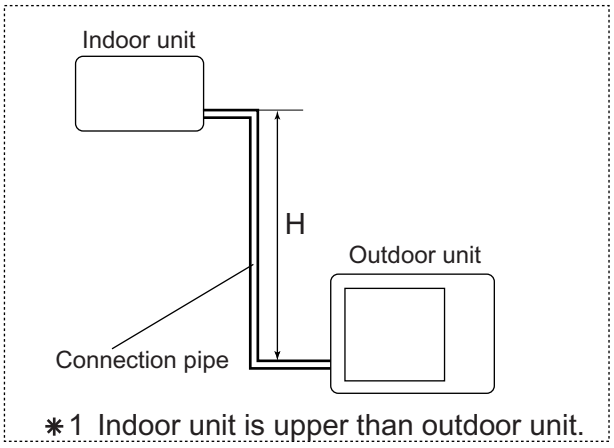
OUTDOOR UNIT
AO∗A18-24L3

■MODELS : INDOOR UNIT 14000BTU (AO∗A18L3, AO∗A24L3)

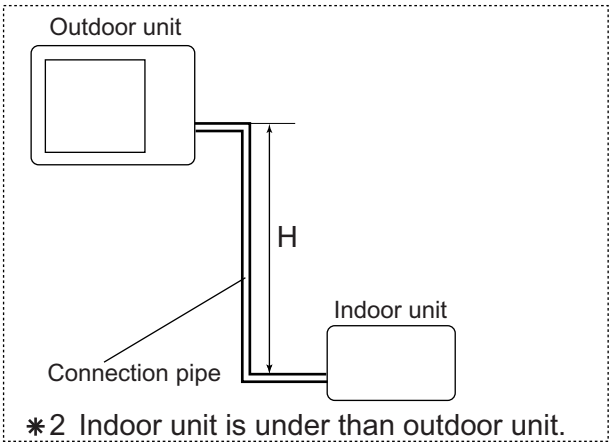
COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	∗1 Indoor unit is upper than outdoor unit	15	-	-	-	0.982	0.985	0.978
		10	-	-	0.998	0.982	0.985	0.978
		7.5	-	1.000	0.998	0.982	0.985	0.978
		5	1.002	1.000	0.998	0.982	0.985	0.978
		0	1.002	1.000	0.998	0.982	0.985	0.978
	∗2 Indoor unit is under than outdoor unit	-5	0.994	0.992	0.990	0.974	0.977	0.970
		-7.5	-	0.988	0.986	0.970	0.973	0.966
		-10	-	-	0.982	0.966	0.969	0.962
		-15	-	-	-	0.958	0.961	0.955

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	∗1 Indoor unit is upper than outdoor unit	15	-	-	-	0.952	0.929	0.903
		10	-	-	0.980	0.957	0.934	0.908
		7.5	-	0.993	0.983	0.960	0.936	0.910
		5	1.005	0.995	0.985	0.962	0.938	0.912
		0	1.010	1.000	0.990	0.967	0.943	0.917
	∗2 Indoor unit is under than outdoor unit	-5	1.010	1.000	0.990	0.967	0.943	0.917
		-7.5	-	1.000	0.990	0.967	0.943	0.917
		-10	-	-	0.990	0.967	0.943	0.917
		-15	-	-	-	0.967	0.943	0.917

Height difference H



∗1 Indoor unit is upper than outdoor unit.



∗2 Indoor unit is under than outdoor unit.

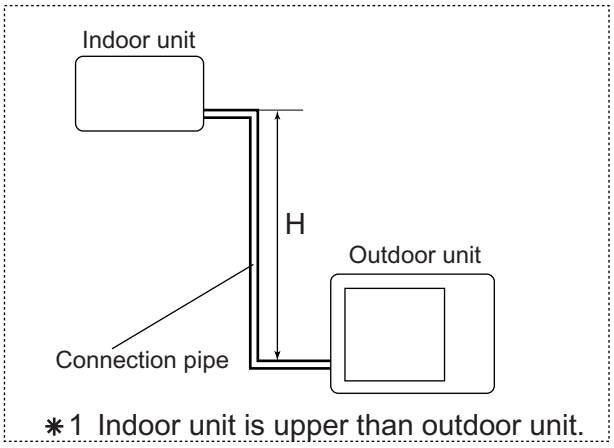
OUTDOOR UNIT
AO∗A18-24L3

■MODEL : INDOOR UNIT 18000BTU (AO∗A24L3)

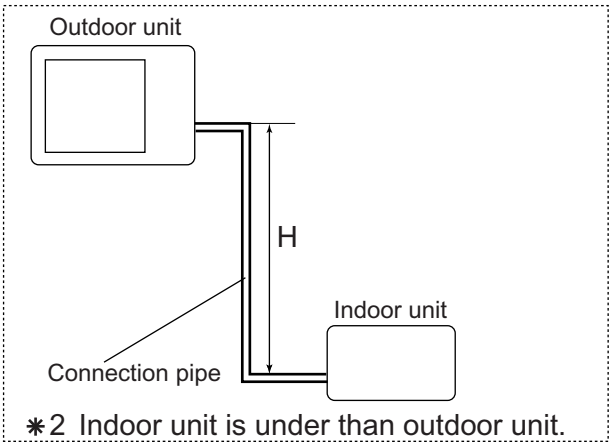
COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	∗1 Indoor unit is upper than outdoor unit	15	-	-	-	1.005	0.992	0.976
		10	-	-	1.002	1.005	0.992	0.976
		7.5	-	1.000	1.002	1.005	0.992	0.976
		5	0.997	1.000	1.002	1.005	0.992	0.976
		0	0.997	1.000	1.002	1.005	0.992	0.976
	∗2 Indoor unit is under than outdoor unit	-5	0.989	0.992	0.994	0.997	0.984	0.968
		-7.5	-	0.988	0.990	0.993	0.980	0.964
		-10	-	-	0.986	0.989	0.976	0.960
		-15	-	-	-	0.981	0.968	0.953

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	∗1 Indoor unit is upper than outdoor unit	15	-	-	-	0.950	0.925	0.899
		10	-	-	0.978	0.954	0.930	0.904
		7.5	-	0.993	0.981	0.957	0.932	0.906
		5	1.003	0.995	0.983	0.959	0.934	0.908
		0	1.008	1.000	0.988	0.964	0.939	0.913
	∗2 Indoor unit is under than outdoor unit	-5	1.008	1.000	0.988	0.964	0.939	0.913
		-7.5	-	1.000	0.988	0.964	0.939	0.913
		-10	-	-	0.988	0.964	0.939	0.913
		-15	-	-	-	0.964	0.939	0.913

Height difference H



∗1 Indoor unit is upper than outdoor unit.



∗2 Indoor unit is under than outdoor unit.

6. ADDITIONAL CHARGE CALCULATION

■MODELS : AO∗A18L3, AO∗A24L3

Refrigerant type		R410A
Refrigerant amount	g	2200

●REFRIGERANT CHARGE

Pipe length (Total)	m	～ 30	40	50	20g/m
Additional charge	g	0 (Charge less)	+200	+400	

OUTDOOR UNIT
AO∗A18-24L3

7. AIR FLOW

■MODEL : AO∗A18L3

●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∗A24L3

●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

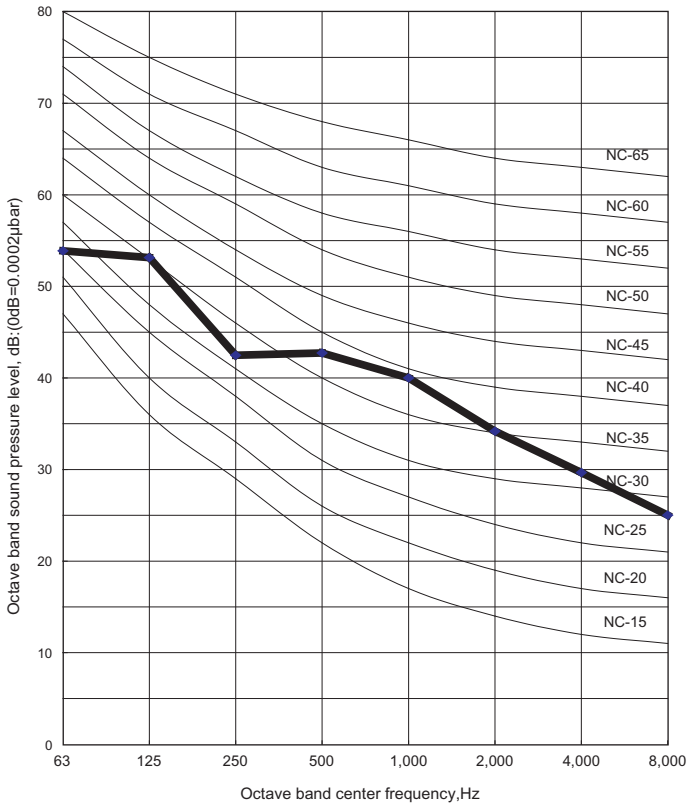
OUTDOOR UNIT
AO∗A18-24L3

8. OPERATION NOISE

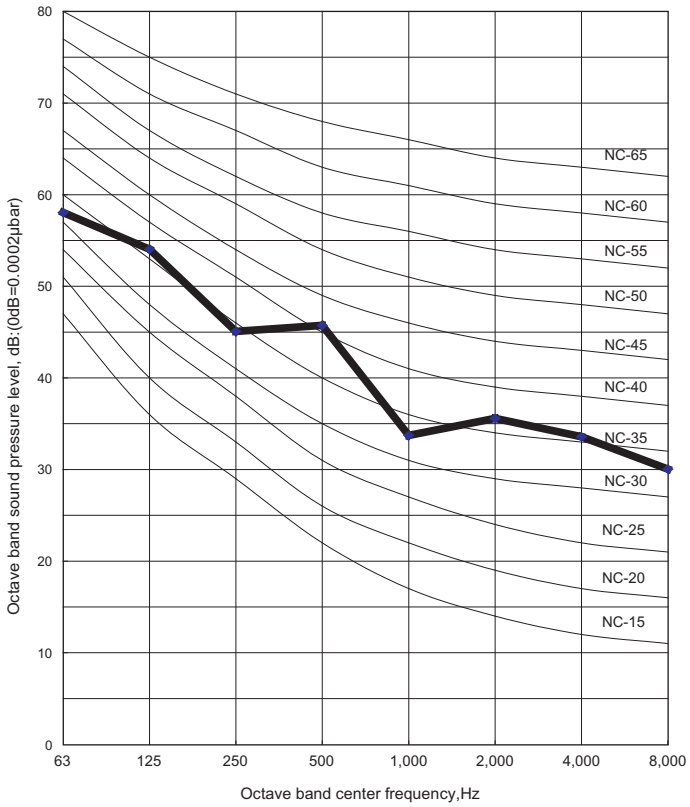
8-1. NOISE LEVEL CURVE

■COOLING

●MODEL : AO∗A18L3

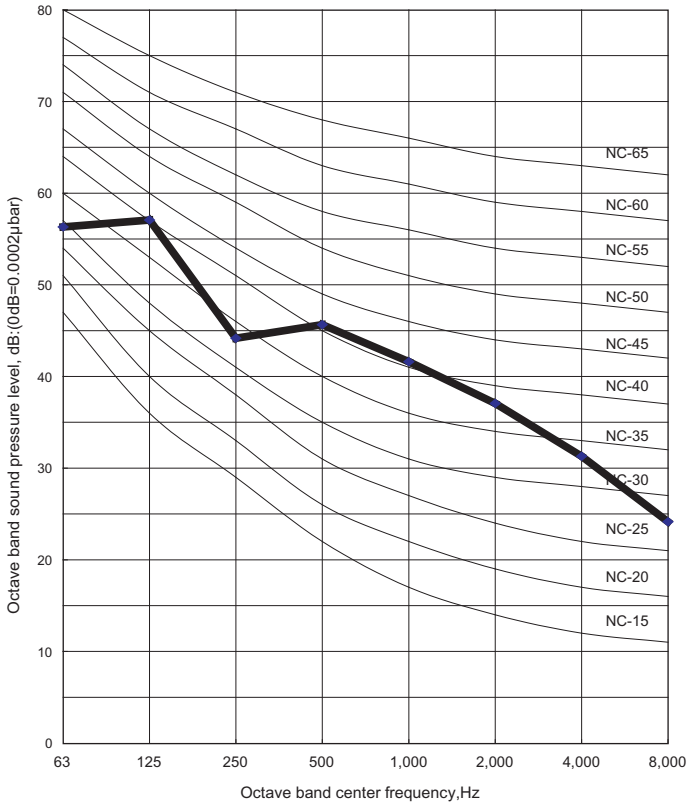


●MODEL : AO∗A24L3

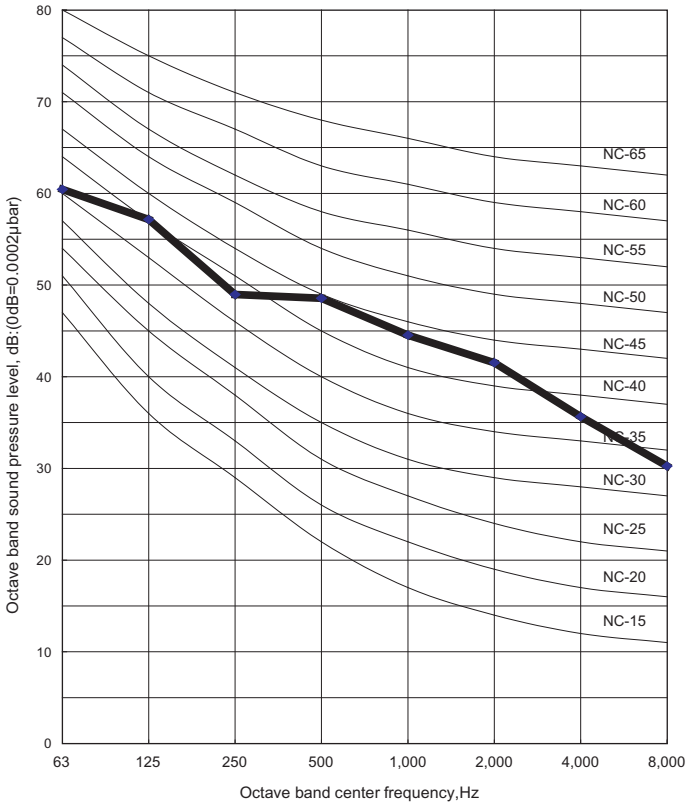


■HEATING

●MODEL : AO∗A18L3

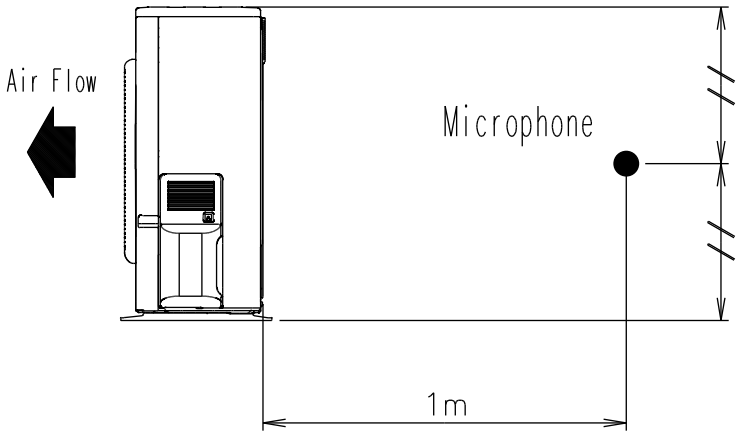


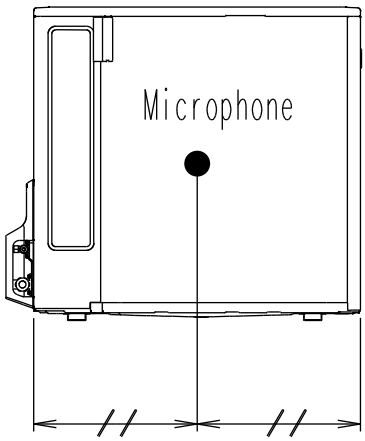
●MODEL : AO∗A24L3



OUTDOOR UNIT
AO∗A18-24L3

8-2. SOUND LEVEL CHECK POINT





OUTDOOR UNIT
AO*A18-24L3

9. ELECTRIC CHARACTERISTICS

Model Name			AO ∗ A18L3	AO ∗ A24L3
Power Supply	Voltage	V	230～	
	Frequency	Hz	50	
Max Operating Current		A	9.0	12.5
Starting Current		A	15	
*1) Wiring Spec.	Main Fuse (Circuit breaker) Current	A	25	
	Power Cable	mm^2	3.5	
	*2)Limited wiring length	m	40	28

*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.

OUTDOOR UNIT
AO∗A18-24L3

10. SAFETY DEVICE

	Protection form	Model	
		AO ∗ A18L3	AO ∗ A24L3
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 : 150°C	
Compressor protection	Thermal protector	OFF : 110°C ON : 80°C	
Refrigerrant circuit protection	Pressure switch (1)	OFF : 4.2±0.10MPa ON : 3.2±0.15MPa	

∗ PRESSURE SWITCH(2) : For control device

OUTDOOR UNIT
AO∗A18-24L3