

16. Optional parts

16-1. Controllers

■ Lineup

Indoor unit type		Type							
		Wireless remote controller				Wired remote controller			
		AR-RAH2E	AR-RAH1E	AR-REA2E	AR-REB1E	UTY-RNNYM	UTY-RVNYM	UTY-RLRY	UTY-RNRYZ*
Compact cassette		—	●	—	—	○	○	—	—
Mini duct		—	—	—	—	○	○	●	○
Slim duct		—	—	—	—	●	○	—	—
Wall mounted	LJ	—	●	—	—	○ ^{*1}	○ ^{*1}	—	—
	LU	—	—	●	—	○ ^{*2}	○ ^{*2}	—	—
	LM	—	—	—	●	○ ^{*3}	○ ^{*3}	—	—
	LF	●	—	—	—	○	○	—	—
Floor/Ceiling		●	—	—	—	○	○	—	—
Floor		—	●	—	—	○	○	—	—

Indoor unit type		Type				
		IR receiver kit with Wireless remote controller		Simple remote controller		
		UTY-LRHYM	UTY-LBTYM	UTY-RSNYM	UTY-RSRY	UTY-RHRY
Compact cassette		—	—	○	—	—
Mini duct		—	○	○	○	○
Slim duct		○	—	○	—	—
Wall mounted	LJ	—	—	○ ^{*1}	—	—
	LU	—	—	○ ^{*2}	—	—
	LM	—	—	○ ^{*3}	—	—
	LF	—	—	○	—	—
Floor/Ceiling		—	—	○	—	—
Floor		—	—	○	—	—

●: Accessory, ○: Optional, —: Not applicable

- *1: Optional Communication kit (UTY-XCBXZ1) is necessary for the installation.
- *2: Optional Communication kit (UTY-TWBXF) is necessary for the installation.
- *3: Optional Communication kit (UTY-XCBXZ2) is necessary for the installation.

Parts

Wireless remote controller



AR-RAH2E



AR-RAH1E

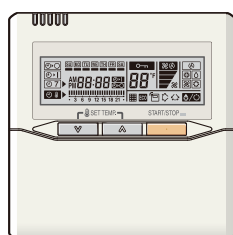


AR-REA2E



AR-REB1E

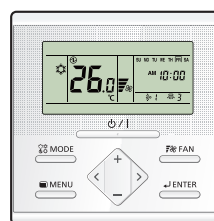
Wired remote controller



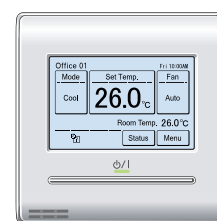
UTY-RNNYM



UTY-RVNYM



UTY-RLRY



UTY-RNRYZ*

IR receiver kit with Wireless remote controller

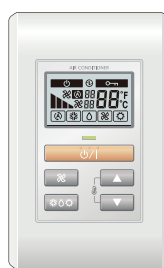


UTY-LRHYM



UTY-LBTYM

Simple remote controller



UTY-RSNYM



UTY-RSRY



UTY-RHRY

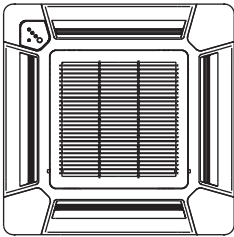
16-2. Cassette grille

■ Lineup

Type	Model	Indoor units
		Compact cassette
Cassette grille	UTG-UFYD-W	○

●: Accessory, ○: Optional, —: Not applicable

■ Part

Cassette grille
 UTG-UFYD-W

16-3. Others

■ Lineup

Indoor unit type		Type					
		Air outlet shutter plate	Insulation kit for high humidity	Fresh air intake kit	External control set	External switch controller	Auto louver grille kit
		UTR-YDZB	UTZ-KXGC	UTZ-VXAA	UTD-ECS5A	UTY-TERX	UTD-GXTA-W UTD-GXTB-W
Compact cassette		○	○	○	—	—	—
Mini duct		—	—	—	—	○	○
Slim duct		—	—	—	○	—	○
Wall mounted	LJ	—	—	—	—	—	—
	LU	—	—	—	—	—	—
	LM	—	—	—	—	—	—
	LF	—	—	—	—	—	—
Floor/Ceiling		—	—	—	—	—	—
Floor		—	—	—	—	—	—

Indoor unit type		Type						
		External connect kit			Split system converter		KNX converter	MODBUS converter
		UTY-XWZX	UTY-XWZXZ5	UTY-XWZXZG	UTY-VTGX	UTY-VTGXV	UTY-VKSX	UTY-VMSX
Compact cassette		○	—	—	○	○	—	—
Mini duct		—	—	○	○	○	○	○
Slim duct		—	—	—	○	○	—	—
Wall mounted	LJ	○ *1	—	—	○ *1	○ *1	—	—
	LU	—	○ *2	—	○ *2	○ *2	—	—
	LM	—	○ *3	—	○ *3	○ *3	—	—
	LF	○	—	—	○	○	—	—
Floor/Ceiling		○	—	—	○	○	—	—
Floor		○	—	—	○	○	—	—

Indoor unit type		Type					
		Remote sensor unit	Communication kit			Half concealed kit	Wireless LAN interface ^{*4}
		UTY-XSZX	UTY-XCBXZ1	UTY-XCBXZ2	UTY-TWBXF	UTR-STA	UTY-TFNXZ1 UTY-TFSXZ1
Compact cassette		—	—	—	—	—	○
Mini duct		○	—	—	—	—	○
Slim duct		○	—	—	—	—	○
Wall mounted	LJ	—	○	—	—	—	○ *1
	LU	—	—	—	○	—	○ *2
	LM	—	—	○	—	—	○ *3
	LF	—	—	—	—	—	○
Floor/Ceiling		—	—	—	—	—	○
Floor		—	—	—	—	○	○

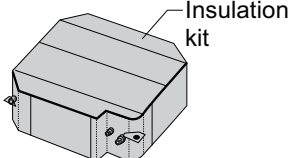
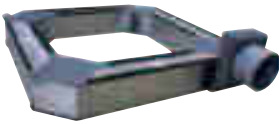
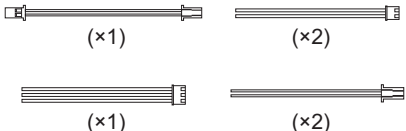
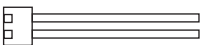
●: Accessory, ○: Optional, —: Not applicable

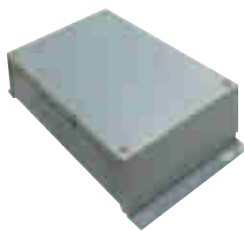
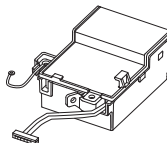
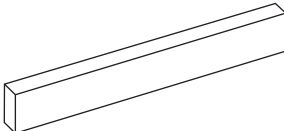
- *1: Optional Communication kit (UTY-XCBXZ1) is necessary for the installation.
- *2: Optional Communication kit (UTY-TWBXF) is necessary for the installation.

- *3: Optional Communication kit (UTY-XCBXZ2) is necessary for the installation.
- *4: For details of WLAN control, refer to “Design & Technical manual” or “Setting manual” of WLAN control system.

NOTE: Combined use of MODBUS converter, KNX converter, and Wireless LAN interface (UTY-TFSXZ1 only) is not allowed.

Parts

Air outlet shutter plate Model: UTR-YDZB	Insulation kit for high humidity Model: UTZ-KXGC
 For compact cassette type	 For compact cassette type
Fresh air intake kit Model: UTZ-VXAA	External control set Model: UTD-ECS5A
 For compact cassette type	 For slim duct type
External connect kit Model: UTY-XWZX	External connect kit Model: UTY-XWZXZ5
 For compact cassette type, wall mounted type (LF), floor/ceiling type, and floor type	 For wall mounted (LU, LM) type
External connect kit Model: UTY-XWZXZG	MODBUS converter Model: UTY-VMSX
 For mini duct type	 For mini duct type
KNX converter Model: UTY-VKSX	External switch controller Models: UTY-TERX
 For mini duct type	 For mini duct type

Split system converter Model: UTY-VTGX	Split system converter Model: UTY-VTGXV
	
Remote sensor unit Model: UTY-XSZX	Auto louver grille kit Models: UTD-GXTA-W^{*1}, UTD-GXTB-W^{*2}
 For slim duct type and mini duct type	 ^{*1} : For slim duct type and mini duct type (07-14 models) ^{*2} : For slim duct type and mini duct type (18 models)
Communication kit Model: UTY-XCBXZ1	Communication kit Model: UTY-XCBXZ2
 For wall mounted (LJ) type	 For wall mounted (LM) type
Communication kit Model: UTY-TWBXF	Half concealed kit Model: UTR-STA
 For wall mounted (LU) type	 For floor type
Wireless LAN interface Model: UTY-TFNXZ1^{*1}, UTY-TFSXZ1^{*2}	
 ^{*1} : For compact cassette type, slim duct type, wall mounted type, floor/ceiling type, and floor type ^{*2} : For mini duct type	

17. Indoor unit installation precautions

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

17-1. Place where prohibited for use

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

17-2. Points to remember when installing

- The product shall be installed at a place which can withstand the weight and vibration of the indoor.
- To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space and an inspection port, as required.
*Installation service space is shown on "Dimensions" on page 20.
- Be careful when installing the unit at the following places.

Condition	Contents	Countermeasures (Reference)
When the ceiling is high.	If the indoor unit is installed where the installation height given in the installation manual is exceeded, the temperature difference between the floor and ceiling of the room will be large and the heating effect will be poor. Moreover, even if the indoor unit is installed within the installation height, a similar phenomena will occur when installed in a room in which the doors are opened and closed frequently and hot air circulation is obstructed by furniture such as desks or chairs.	1. Switch the setting to the high ceiling mode. 2. Install a circulator. 3. Arrange the furniture in the room so that it does not obstruct the hot air.
When lower level directly contacts the outside air.	When the lower level of the room is a semi-open space such as warehouse or parking lot the surface temperature of the flooring will become low and the radiation of cold from the floor will increase. In this case, even if the room temperature is suitable, you may feel the foot level is cold.	
When the air flow distribution is poor.	When an indoor unit is installed in a position where the outlet airflow will directly contact people, a draft may be felt. In addition, when there are obstructions in the path of the intake and outlet airflow, the air distribution may become extremely bad.	1. Adjust the louver fins or take other measures matched to the site. 2. Change the indoor unit outlet.
When inside the ceiling is high temperature and high humidity.	When the indoor unit is installed where the inside of the ceiling is 30 °C (86 °F) RH80% or greater, the dew point temperature of the outer perimeter may become higher than the cabinet surface temperature and moisture will condense on the surface of the cabinet and water drops may fall inside the room. →Refer to Fig. A. In addition, the humidity may vary considerably the same as when the inside of the ceiling is close to hermetically sealed and used as the outside air intake path.	1. Add heat insulating material to the outside of the indoor unit cabinet. *Regarding the cassette type, use of optional High humidity correspondence kit is recommended. 2. Strengthen the heat insulating material of the refrigerant piping and drain piping too. →Refer to Fig. B. 3. When the humidity inside the ceiling changes considerably, install a ventilation port.

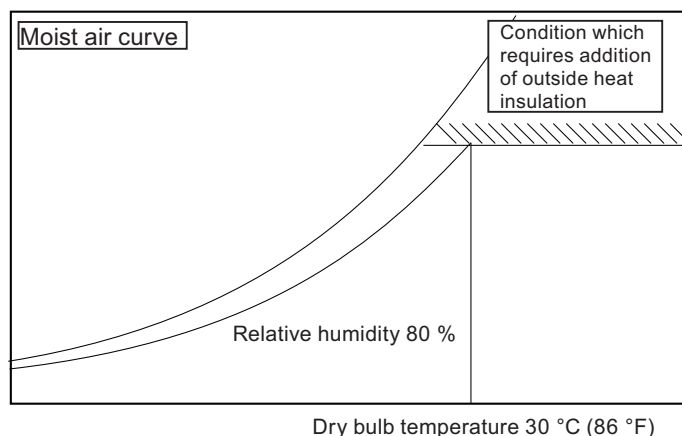


Fig. A

Work method when reinforcing the heat insulation of on-site piping

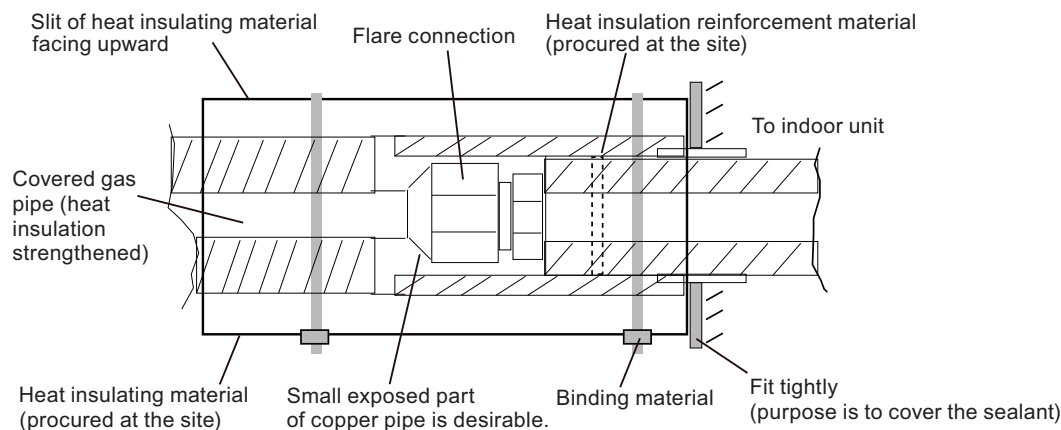


Fig. B

Condition	Contents	Countermeasures (Reference)
When using an external duct.	When using an external duct to take in new fresh air, etc., condensation may form on the surface of the duct due to the effect of the outside air temperature and the humidity inside the ceiling.	Always perform heat insulation processing. (Heat insulating material: Glass wool 25-mm [1-in] thick or more.)
When the remote controller installation site is bad.	If the cold or warm air blown out from the air conditioner directly contacts the thermostat section of the remote controller, the outlet temperature of the air conditioner may be sensed and room temperature control will be different from the room temperature, and "not cooled" or "not heated" or other trouble may occur. In addition, there is the possibility that the same kind of trouble may also occur when the remote controller is effected by direct sunlight.	1. Install the remote controller where it will not be directly exposed to the cold or hot air. 2. Install the remote controller where it will not be directly exposed to sunlight or strong lighting.
When installation environment is quiet.	When the wall mounted type was installed in a bedroom, living room, or other quiet place, the sound of the refrigerant flow may be sensed as noise and must be taken into account.	1. Plan installation of a model with external expansion valve. 2. Plan installation of a branch box farther from indoor unit. 3. Plan installation using another air conditioner.
When installing duct type in ceiling chamber system.	In the case of the ceiling chamber system (duct is not installed at indoor unit inlet side and room air is sucked into the indoor unit through the inside of the ceiling), the thermistor inside the indoor unit may not correctly detect the room temperature. • Heating operation: Room is not heated because the indoor unit is easily turned off by the thermostat. • Cooling operation: Room is too cold because the indoor unit is difficult to turn off by the thermostat.	Replace the indoor unit thermistor with optional Remote sensor unit, and install the sensor where the room temperature can be correctly detected.
When the outlet air is sucked in at duct type.	Cooling operation does not cool the room and heating operation does not heat the room because the short circuited indoor unit is not turned on by the thermostat.	1. Reconsider the ventilation port construction. 2. Replace the indoor unit thermistor with optional Remote sensor unit, and install the sensor where the room temperature can be correctly detected.
When using the wireless remote controller.	Signals may not be received when using it in a room illuminated by an inverter fluorescent lamp.	Turn on the fluorescent lamp and check if the indoor unit receives the signals from the remote controller. If the indoor unit does not receive the signals, consult an authorized service personnel.
When installing the inverter type.	It may generate noise in TV sets, stereos and PCs.	The inverter type should be installed at a sufficient distance from these equipments.

Part 2. OUTDOOR UNIT (2 ROOMS TYPE)

MULTI TYPE:

AOYG14LAC2

AOYG18LAC2

1. Specifications

Type				Inverter heat pump	
Model name				AOYG14LAC2	AOYG18LAC2
Power source				230 V 50 Hz	
Available voltage range				198—264V	
Standard combination of indoor unit				Wall mounted ASYG07LMCA ×2	Wall mounted ASYG09LMCA ×2
Capacity	Cooling	Rated	kW	4.0	5.0
			Btu/h	13,600	17,100
		Min.—Max.	kW	1.4—4.4	1.7—5.6
			Btu/h	4,700—15,000	5,800—19,100
	Heating	Rated	kW	4.4	5.6
			Btu/h	15,000	19,100
		Min.—Max.	kW	1.1—5.4	1.8—6.1
			Btu/h	3,700—18,400	6,100—20,800
Input power	Cooling	Rated	kW	1.09	1.56
		Max.		1.40	1.95
	Heating	Rated		1.03	1.41
		Max.		1.78	1.90
Current	Cooling	Rated	A	5.1	6.9
	Heating	Rated		4.9	6.3
EER	Cooling		kW/kW	3.67	3.21
COP	Heating			4.27	3.97
Starting current			A	5.1	6.9
Maximum operating current *1			A	10.0	12.0
Fan	Type × Q'ty			Propeller × 1	
	Airflow rate	Cooling	m³/h	1,850	2,050
		Heating		1,850	2,050
Motor output		W	50		
Sound pressure level *2		Cooling	dB (A)	47	50
		Heating		49	51
Heat exchanger	Dimension	(H x W x D)	mm	504 × 850 × 36.4	
	Fin pitch			1.4	
	Rows × Stages		2 × 24		
	Pipe type (Material)		Copper tube		
	Fin	Type (Material)	Aluminum		
Compressor	Type × Quantity			DC rotary × 1	DC twin rotary × 1
	Motor output		W	750	900
Refrigerant		Type (Global warming potential)		R410A (2088)	
		Charge	g	1,250	1,300
Refrigerant oil		Type		VG74	α68SZ
		Amount	cm³	480	400
Enclosure		Material		Steel sheet	
		Color		Beige (Approximate color of MUNSELL 10YR 7.5/1.0 NN)	
Dimensions	Net	(H x W x D)	mm	540 × 790 × 290	
	Gross			648 × 910 × 380	
Weight	Net		kg	37	38
	Gross			41	42
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4) × 2	
		Gas		Ø9.52 (Ø3/8) × 2	Ø9.52 (Ø3/8) × 2 [Ø12.70 (Ø1/2)]*3
	Method			Flare	
	Pre-charge length (Total)			20	
	Maximum length (Total)			30	
	Maximum length (Each)			20	
	Minimum length (Total)			6	
	Minimum length (Each)			3	
	Maximum height difference between outdoor unit and each indoor units.			15	
	Maximum height difference between indoor units.			10	
Operation range		Cooling	°C	10 to 46	
		Heating		-15 to 24	

NOTES:

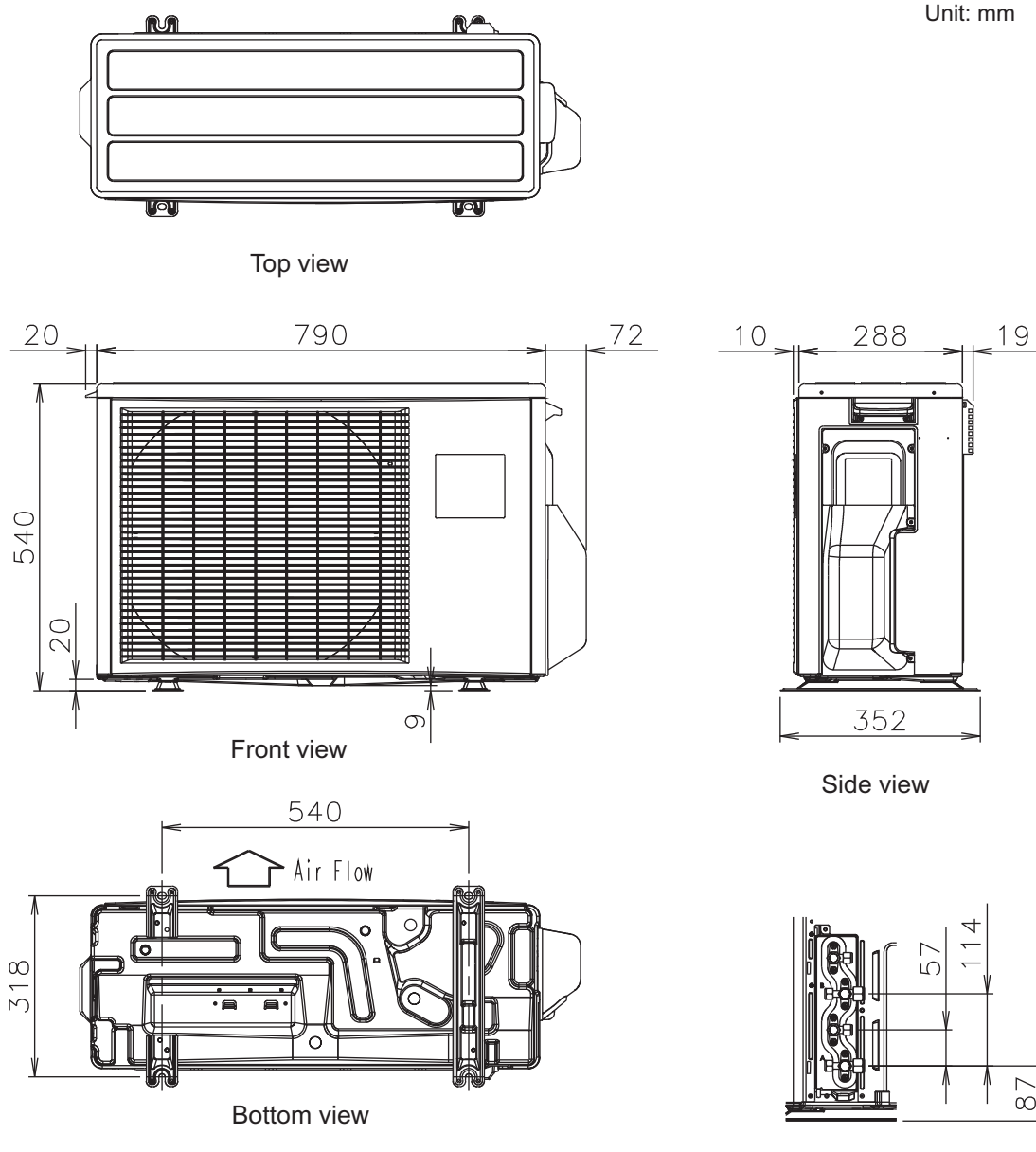
- Specifications are based on the following conditions:
 - Power source of specifications: 230 V
 - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]
 - Cooling: Indoor temperature of 27.0 °CDB/19.0 °CWB, and outdoor temperature of 35 °CDB/24.0 °CWB.
 - Heating: Indoor temperature of 20.0 °CDB/15.0 °CWB, and outdoor temperature of 7.0 °CDB/6.0 °CWB.
- *1: The maximum current is the maximum value when the operated within the operation range.
- *2: Sound pressure level
 - Measured values in manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
- *3: Connect to connection valve by the adapter.
- For other combination, refer to the combination table.
- The protective function might work when using it outside the operation range.

Product fiche					
Model name			AOYG14LAC2		AOYG18LAC2
Energy efficiency class		Cooling		A ⁺⁺	A ⁺⁺
		Heating (Average)		A ⁺	A ⁺
Pdesign		Cooling	kW	4.0 (35 °C)	5.0 (35 °C)
		Heating (Average)		3.8 (-10 °C)	4.2 (-10 °C)
SEER		Cooling	kWh/kWh	6.70	6.60
SCOP		Heating (Average)		4.10	4.10
Annual energy consumption		QCE		209	263
		QHE (Average)		1,296	1,434
Sound power level	Cooling	HIGH	dB (A)	61	63
	Heating			63	64

2. Dimensions

2-1. Models: AOYG14LAC2 and AOYG18LAC2

Unit: mm



3. Installation space

3-1. Models: AOYG14LAC2 and AOYG18LAC2

■ Space requirement

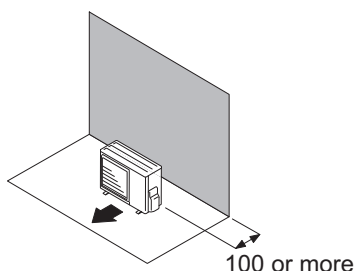
Provide sufficient installation space for product safety.

● Single outdoor unit installation

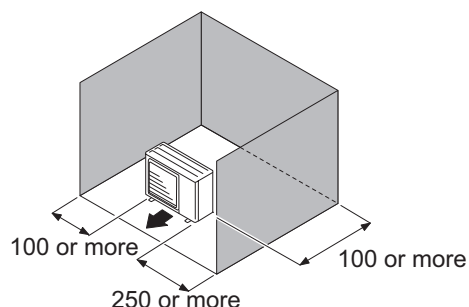
- When the upper space is open:

Unit: mm

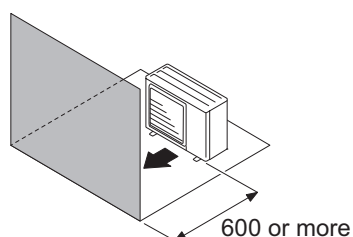
When there are obstacles at the rear only.



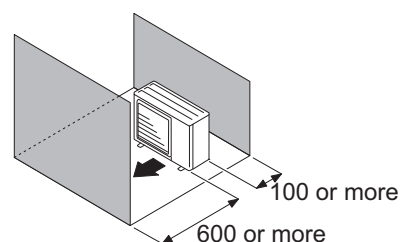
When there are obstacles at the rear and sides.



When there are obstacles at the front only.



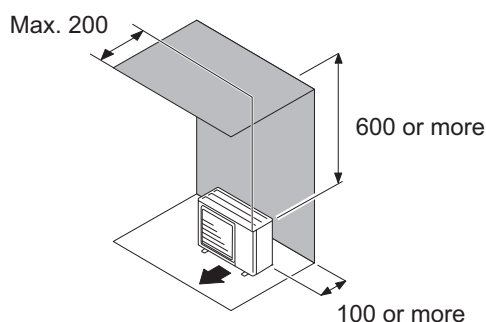
When there are obstacles at the front and rear.



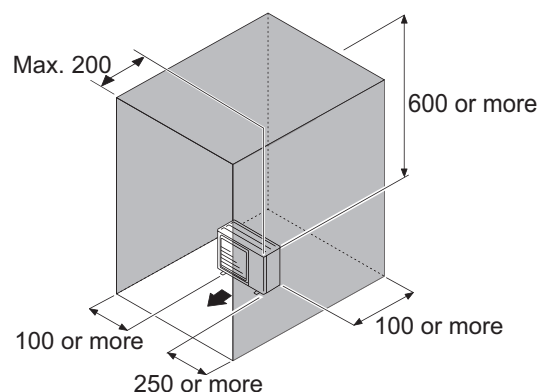
- When there is an obstruction in the upper space:

Unit: mm

When there are obstacles at the rear and above.



When there are obstacles at the rear, sides, and above.

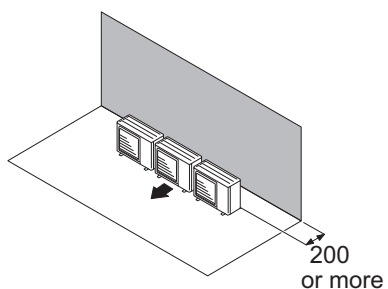


● Multiple outdoor unit installation

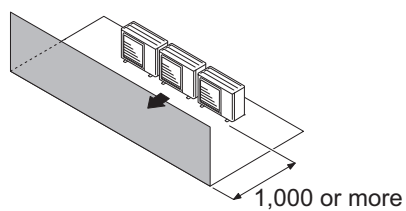
- When the upper space is open:

Unit: mm

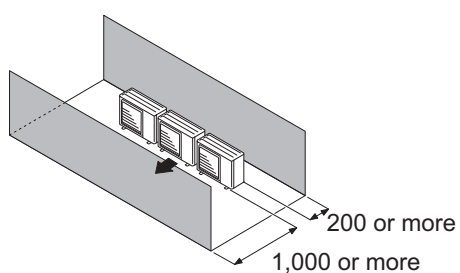
When there are obstacles at the rear only.



When there are obstacles at the front only.



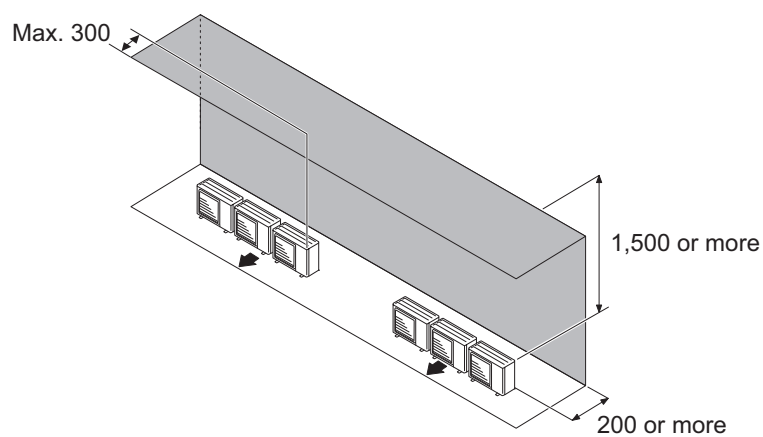
When there are obstacles at the front and rear.



- When there is an obstruction in the upper space:

Unit: mm

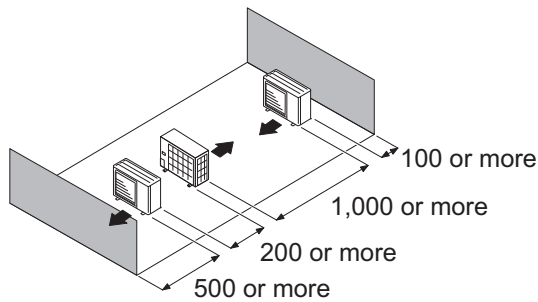
When there are obstacles at the rear and above.



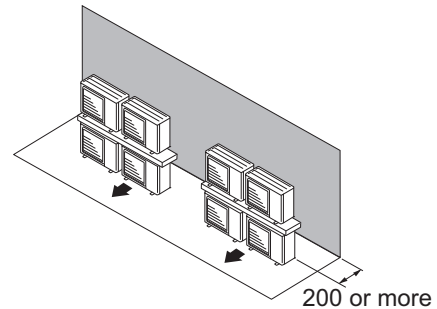
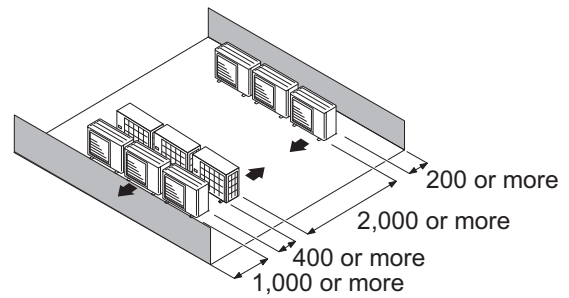
● Outdoor unit installation in multi-row

Unit: mm

Single parallel unit arrangement



Multiple parallel unit arrangement

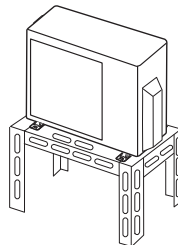


NOTES:

- If the space is larger than stated above, the condition will be the same as when there is no obstacle.
- Height above the floor level should be 50 mm or more.
- When installing the outdoor unit, be sure to open the front and left side to obtain better operation efficiency.

⚠ CAUTION

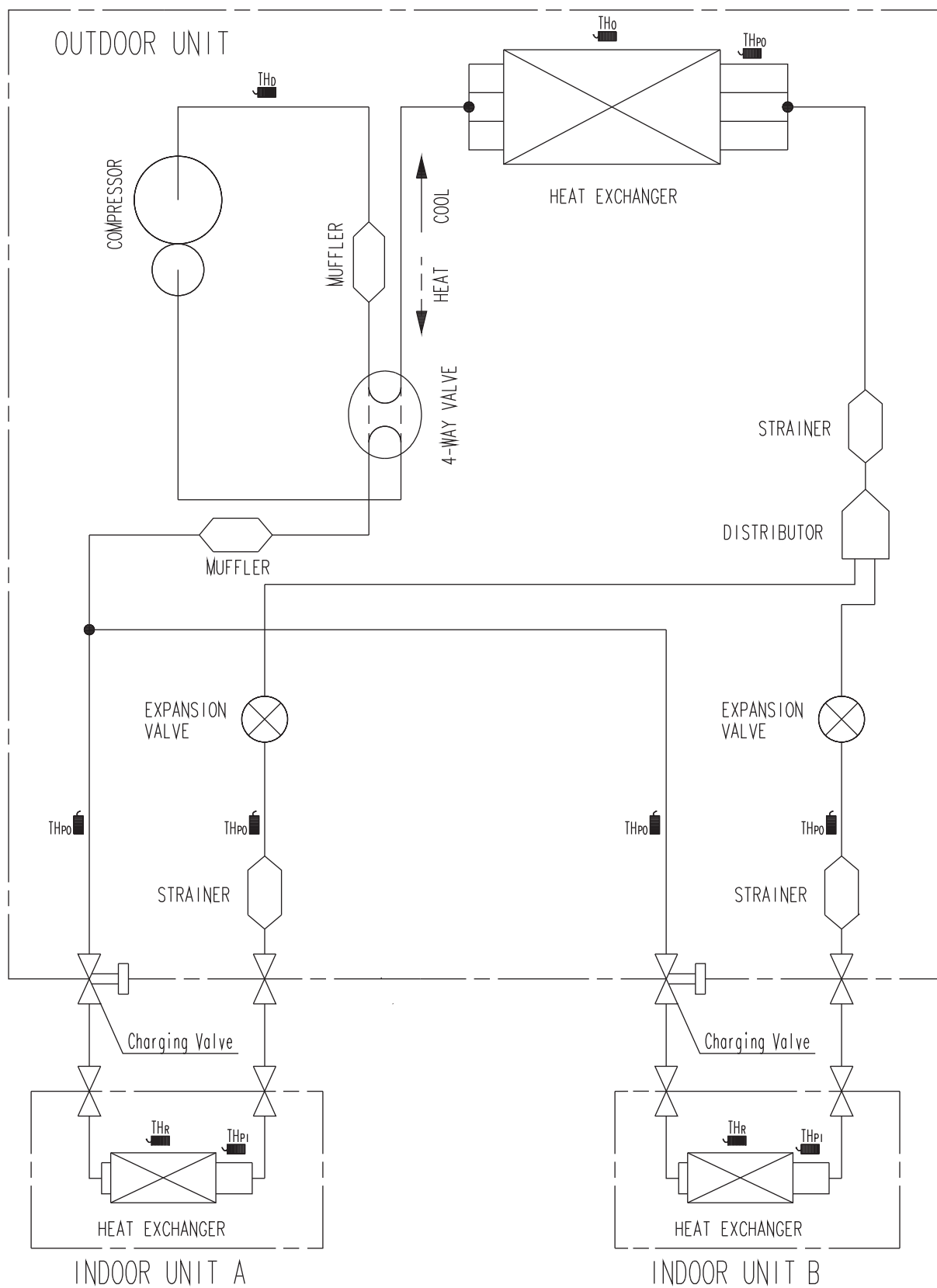
- Do not install the outdoor unit in two-stage where the drain water could freeze. Otherwise the drainage from the upper unit may form ice and cause a malfunction of the lower unit.
- When the outdoor temperature is 0 °C or less, do not use the accessory drain pipe and drain cap. If the drain pipe and drain cap are used, the drain water in the pipe may freeze in extremely cold climate. (For reverse cycle model only.)
- In area with heavy snowfall, if the inlet and outlet of the outdoor unit is blocked with snow, it might become difficult to get warm, and it is likely to cause product malfunction. Construct a canopy and a pedestal, or place the unit on a high stand that is locally installed.



4. Refrigerant circuit

4-1. Model: AOYG14LAC2

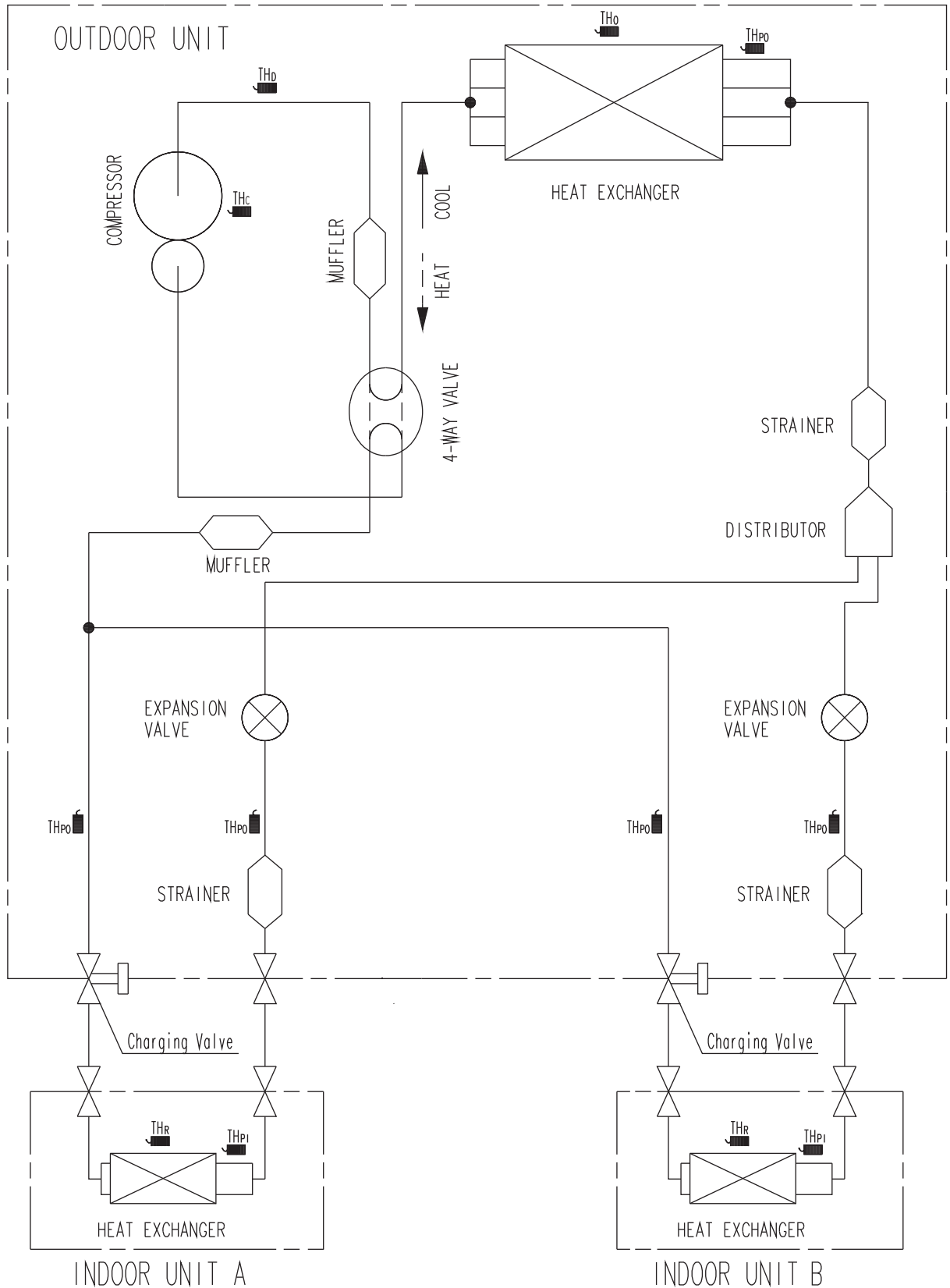
OUTDOOR UNIT
AOYG14,18LAC2



TH_d : THERMISTOR(DISCHARGE TEMP.)
 TH_o : THERMISTOR(OUTDOOR TEMP.)
 TH_{Po} : THERMISTOR(PIPE TEMP.)

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

4-2. Model: AOYG18LAC2

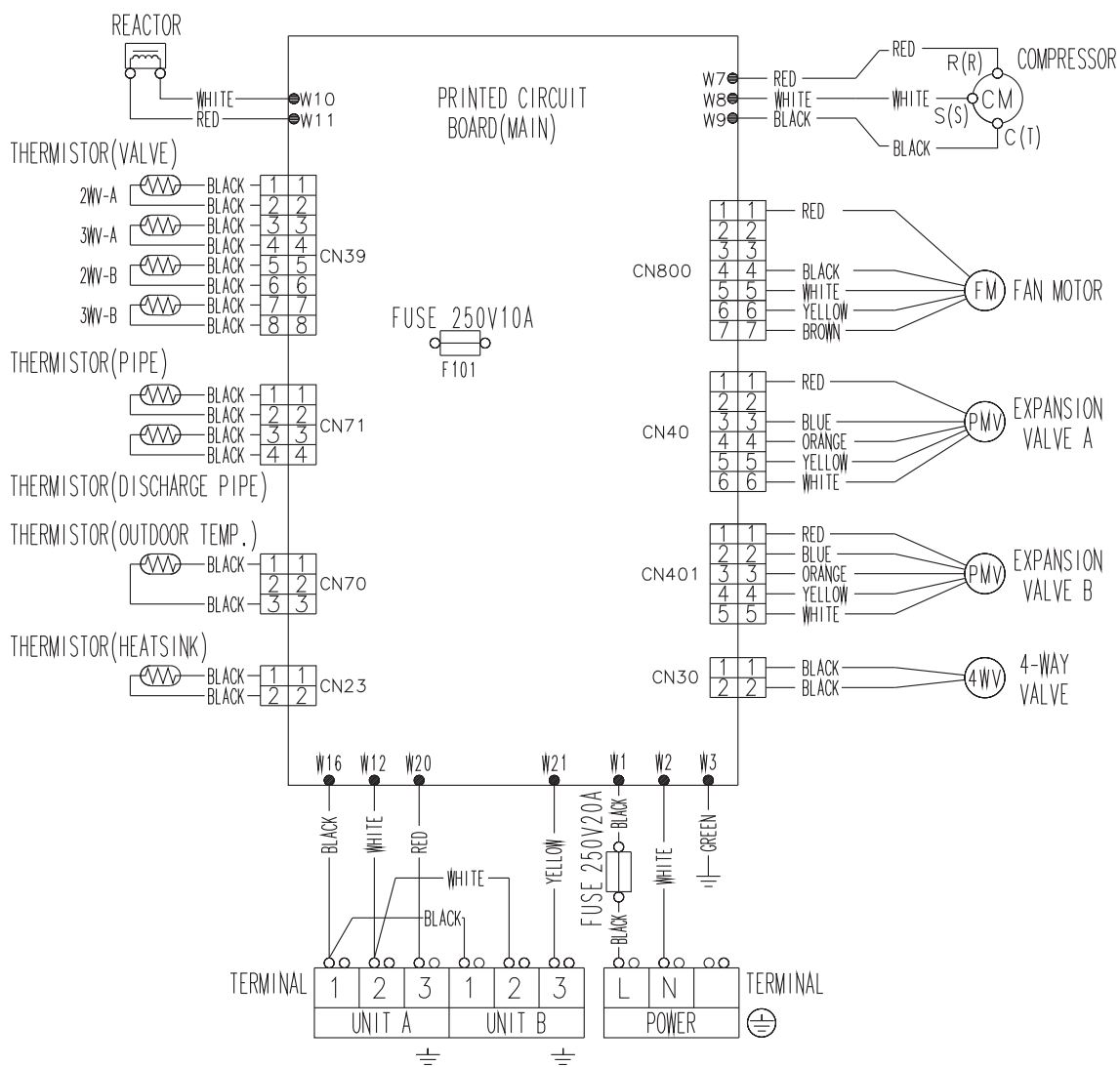


TH_D : THERMISTOR(DISCHARGE TEMP.)
 TH_o : THERMISTOR(OUTDOOR TEMP.)
 TH_{Po} : THERMISTOR(PIPE TEMP.)

TH_R : THERMISTOR(ROOM TEMP.)
 TH_{Pi} : THERMISTOR(PIPE TEMP.)
 TH_c : THERMISTOR(COMPRESSOR TEMP.)

5. Wiring diagram

5-1. Model: AOYG14LAC2



OUTDOOR UNIT
AOYG14,18LAC2



6. Capacity table

6-1. Combinations

■ Model: AOYG14LAC2

● Cooling

Combination of indoor unit			Rated capacity for each indoor unit (kW)		Total capacity (kW)			Input power (kW)			EER (W/W)	Seasonal data		
Room		Total	Room		Min.	Rated	Max.	Min.	Rated	Max.		Pdesign (kW)	SEER (kWh/kWh)	Energy efficiency class
1	2		1	2										
7	7	14	2.00	2.00	1.4	4.00	4.4	0.35	1.09	1.40	3.67	4.0	6.7	A++
7	9	16	1.95	2.05	1.4	4.00	4.4	0.35	1.09	1.40	3.67	4.0	6.6	A++
7	12	19	1.65	2.35	1.4	4.00	4.6	0.35	1.05	1.47	3.81	4.0	6.5	A++
9	9	18	2.00	2.00	1.4	4.00	4.5	0.35	1.09	1.43	3.67	4.0	6.6	A++
9	12	21	1.70	2.30	1.4	4.00	4.7	0.35	1.05	1.47	3.81	4.0	6.5	A++

NOTES:

- 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h
- The above is the value for connecting with wall mounted type.
- 2 or more indoor units should be connected.
- Cooling: Indoor temperature of 27 °CDB/19 °CWB and outdoor temperature of 35 °CDB/24 °CWB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected a indoor unit is from 14,000 Btu up to 21,000 Btu.

● Heating

Combination of indoor unit			Rated capacity for each indoor unit (kBtu/h)		Total capacity (kBtu/h)			Input power (kW)			COP (W/W)	Seasonal data		
Room		Total	Room		Min.	Rated	Max.	Min.	Rated	Max.		Pdesign (kW)	SCOP (kWh/kWh)	Energy efficiency class
1	2		1	2										
7	7	14	2.20	2.20	1.1	4.40	5.4	0.25	1.03	1.78	4.27	3.8	4.1	A+
7	9	16	2.15	2.25	1.1	4.40	5.4	0.25	1.03	1.78	4.27	3.8	4.1	A+
7	12	19	1.95	2.45	1.1	4.40	5.5	0.25	1.02	1.76	4.31	3.8	4.0	A+
9	9	18	2.20	2.20	1.1	4.40	5.4	0.25	1.03	1.78	4.27	3.8	4.0	A+
9	12	21	2.00	2.40	1.1	4.40	5.5	0.25	1.02	1.76	4.31	3.8	4.0	A+

NOTES:

- 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h
- The above is the value for connecting with wall mounted type.
- 2 or more indoor units should be connected.
- Heating: Indoor temperature of 20 °CDB, and outdoor temperature of 7 °CDB/6 °CWB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected a indoor unit is from 14,000 Btu up to 21,000 Btu.

■ Model: AOYG18LAC2

● Cooling

Combination of indoor unit				Rated capacity for each indoor unit (kW)		Total capacity (kW)			Input power (kW)			EER (W/W)	Seasonal data		
Room		Total	Room		Min.	Rated	Max.	Min.	Rated	Max.	Pdesign (kW)		SEER (kWh/kWh)	Energy efficiency class	
1	2		1	2											
7	7	14	2.10	2.10	1.7	4.20	5.2	0.35	1.24	1.68	3.39	4.2	7.0	A++	
7	9	16	2.10	2.50	1.7	4.60	5.3	0.35	1.26	1.79	3.65	4.6	6.8	A++	
7	12	19	1.90	3.10	1.7	5.00	5.6	0.35	1.55	1.95	3.23	5.0	6.5	A++	
7	14	21	1.80	3.20	1.8	5.00	5.7	0.40	1.55	1.99	3.23	5.0	6.5	A++	
9	9	18	2.50	2.50	1.7	5.00	5.6	0.35	1.56	1.95	3.21	5.0	6.6	A++	
9	12	21	2.10	2.90	1.7	5.00	5.7	0.35	1.55	1.95	3.23	5.0	6.5	A++	
9	14	23	2.00	3.00	1.8	5.00	5.8	0.40	1.55	1.99	3.23	5.0	6.4	A++	
12	12	24	2.50	2.50	1.7	5.00	5.8	0.35	1.56	1.99	3.21	5.0	6.4	A++	

NOTES:

- 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Cooling: Indoor temperature of 27 °CDB/19 °CWB and outdoor temperature of 35 °CDB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected indoor units is from 14,000 Btu up to 24,000 Btu.
- Where "14" means "wall mounted type" only models. Other types of indoor units cannot be connected.

● Heating

Combination of indoor unit			Rated capacity for each indoor unit (kW)		Total capacity (kW)			Input power (kW)			COP (W/W)	Seasonal data		
Room		Total	Room		Min.	Rated	Max.	Min.	Rated	Max.		Pdesign (kW)	SEER (kWh/kWh)	Energy efficiency class
1	2		1	2										
7	7	14	2.70	2.70	1.8	5.40	6.0	0.50	1.24	1.61	4.37	3.8	4.1	A+
7	9	16	2.50	3.00	1.8	5.50	6.0	0.50	1.36	1.87	4.04	4.0	4.1	A+
7	12	19	2.30	3.30	1.8	5.60	6.1	0.50	1.38	1.88	4.06	4.2	4.0	A+
7	14	21	2.25	3.35	1.9	5.60	6.2	0.55	1.35	1.86	4.15	4.2	4.0	A+
9	9	18	2.80	2.80	1.8	5.60	6.1	0.50	1.41	1.90	3.97	4.2	4.1	A+
9	12	21	2.45	3.15	1.8	5.60	6.2	0.50	1.38	1.88	4.07	4.2	4.0	A+
9	14	23	2.35	3.25	1.9	5.60	6.3	0.55	1.35	1.86	4.15	4.2	4.0	A+
12	12	24	2.80	2.80	1.8	5.60	6.3	0.50	1.34	1.84	4.18	4.2	4.0	A+

NOTES:

- 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h
- The above is the value for connecting with Wall Mounted type.
- 2 or more indoor units should be connected.
- Heating: Indoor temperature of 20 °CDB, and outdoor temperature of 7 °CDB/6 °CWB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected indoor units is from 14,000 Btu up to 24,000 Btu.
- Where "14" means "wall mounted type" only models. Other types of indoor units cannot be connected.

6-2. Cooling capacity

NOTE: Values mentioned in the table are calculated based on the maximum capacity.

■ Model: AOYG14LAC2

- TC: Total Capacity, IP: Input Power
- 2 or more indoor units should be connected.

● Indoor units: 7,000 Btu

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

● Indoor units: 9,000 Btu

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

● Indoor units: 12,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu

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

● Indoor units: 7,000 Btu + 12,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu

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

● Indoor units: 9,000 Btu + 12,000 Btu

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

■ Model: AOYG18LAC2

- TC: Total Capacity, IP: Input Power
- 2 or more indoor units should be connected.

● Indoor units: 7,000 Btu

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

● Indoor units: 9,000 Btu

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

● Indoor units: 12,000 Btu

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

● Indoor units: 14,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu

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

● Indoor units: 7,000 Btu + 12,000 Btu

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

● Indoor units: 7,000 Btu + 14,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu

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

● Indoor units: 9,000 Btu + 12,000 Btu

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

● Indoor units: 9,000 Btu + 14,000 Btu

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

● Indoor units: 12,000 Btu + 12,000 Btu

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

6-3. Heating capacity

NOTE: Values mentioned in the table are calculated based on the maximum capacity.

■ Model: AOYG14LAC2

- TC: Total Capacity, IP: Input Power
- 2 or more indoor units should be connected.

● Indoor units: 7,000 Btu

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

● Indoor units: 9,000 Btu

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

● Indoor units: 12,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu

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

● Indoor units: 7,000 Btu + 12,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu

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

● Indoor units: 9,000 Btu + 12,000 Btu

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

■ Model: AOYG18LAC2

- TC: Total Capacity, IP: Input Power
- 2 or more indoor units should be connected.

● Indoor units: 7,000 Btu

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

● Indoor units: 9,000 Btu

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

● Indoor units: 12,000 Btu

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

● Indoor units: 14,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu

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

● Indoor units: 7,000 Btu + 12,000 Btu

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

● Indoor units: 7,000 Btu + 14,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu

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

● Indoor units: 9,000 Btu + 12,000 Btu

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

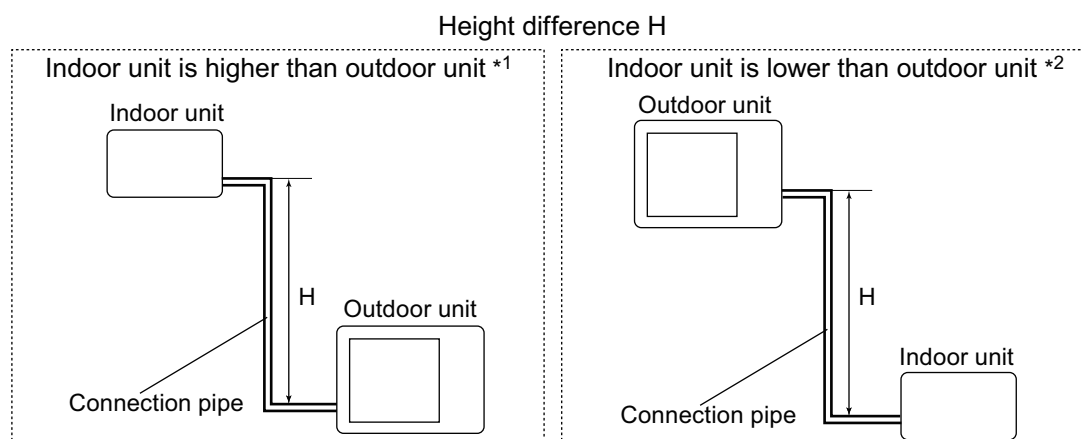
● Indoor units: 9,000 Btu + 14,000 Btu

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

● Indoor units: 12,000 Btu + 12,000 Btu

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

7. Capacity compensation rate for pipe length and height difference



7-1. Model: AOYG14LAC2

NOTE: Values mentioned in the table are calculated based on the maximum capacity.

■ Indoor unit: 7,000 Btu

Cooling		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.936	0.908
		10	—	—	0.969	0.943	0.915
		7.5	—	0.988	0.973	0.947	0.919
		3	0.992	0.992	0.977	0.951	0.922
		0	1.000	1.000	0.985	0.959	0.930
	Indoor unit is lower than outdoor unit *2	-3	1.000	1.000	0.985	0.959	0.930
		-7.5	—	1.000	0.985	0.959	0.930
		-10	—	—	0.985	0.959	0.930
		-15	—	—	—	0.959	0.930

Heating		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.937	0.915
		10	—	—	0.956	0.937	0.915
		7.5	—	1.000	0.956	0.937	0.915
		3	0.990	1.000	0.956	0.937	0.915
		0	0.990	1.000	0.956	0.937	0.915
	Indoor unit is lower than outdoor unit *2	-3	0.985	0.995	0.951	0.932	0.910
		-7.5	—	0.993	0.949	0.930	0.909
		-10	—	—	0.946	0.928	0.906
-15		—	—	—	0.923	0.901	

■ Indoor unit: 9,000 Btu

Cooling		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.924	0.891
		10	—	—	0.962	0.931	0.899
		7.5	—	0.988	0.966	0.935	0.902
		3	0.992	0.992	0.969	0.939	0.906
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.977	0.946	0.913
		-3	1.000	1.000	0.977	0.946	0.913
		-7.5	—	1.000	0.977	0.946	0.913
		-10	—	—	0.977	0.946	0.913
		-15	—	—	—	0.946	0.913

Heating		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.937	0.914
		10	—	—	0.956	0.937	0.914
		7.5	—	1.000	0.956	0.937	0.914
		3	0.990	1.000	0.956	0.937	0.914
	Indoor unit is lower than outdoor unit *2	0	0.990	1.000	0.956	0.937	0.914
		-3	0.985	0.995	0.951	0.932	0.909
		-7.5	—	0.993	0.949	0.930	0.908
		-10	—	—	0.946	0.927	0.905
		-15	—	—	—	0.923	0.900

■ Indoor unit: 12,000 Btu

Cooling		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.914	0.877
		10	—	—	0.959	0.921	0.884
		7.5	—	0.988	0.962	0.925	0.888
		3	0.992	0.992	0.966	0.929	0.891
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.974	0.936	0.899
		-3	1.000	1.000	0.974	0.936	0.899
		-7.5	—	1.000	0.974	0.936	0.899
		-10	—	—	0.974	0.936	0.899
		-15	—	—	—	0.936	0.899

Heating		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.936	0.914
		10	—	—	0.955	0.936	0.914
		7.5	—	1.000	0.955	0.936	0.914
		3	0.992	1.000	0.955	0.936	0.914
	Indoor unit is lower than outdoor unit *2	0	0.992	1.000	0.955	0.936	0.914
		-3	0.987	0.995	0.950	0.931	0.909
		-7.5	—	0.993	0.948	0.929	0.908
		-10	—	—	0.945	0.927	0.905
		-15	—	—	—	0.922	0.900

7-2. Model: AOYG18LAC2

NOTE: Values mentioned in the table are calculated based on the maximum capacity.

■ Indoor unit: 7,000 Btu

Cooling		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.940	0.914
		10	—	—	0.973	0.948	0.921
		7.5	—	0.988	0.977	0.952	0.925
		3	0.992	0.992	0.981	0.956	0.929
		0	1.000	1.000	0.989	0.963	0.936
	Indoor unit is lower than outdoor unit *2	-3	1.000	1.000	0.989	0.963	0.936
		-7.5	—	1.000	0.989	0.963	0.936
		-10	—	—	0.989	0.963	0.936
		-15	—	—	—	0.963	0.936

Heating		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.942	0.925
		10	—	—	0.959	0.942	0.925
		7.5	—	1.000	0.959	0.942	0.925
		3	0.990	1.000	0.959	0.942	0.925
		0	0.990	1.000	0.959	0.942	0.925
	Indoor unit is lower than outdoor unit *2	-3	0.985	0.995	0.954	0.937	0.920
		-7.5	—	0.993	0.952	0.935	0.919
		-10	—	—	0.949	0.933	0.916
		-15	—	—	—	0.928	0.911

■ Indoor unit: 9,000 Btu

Cooling		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.928	0.898
		10	—	—	0.966	0.936	0.905
		7.5	—	0.988	0.969	0.940	0.909
		3	0.992	0.992	0.973	0.943	0.912
		0	1.000	1.000	0.981	0.951	0.920
	Indoor unit is lower than outdoor unit *2	-3	1.000	1.000	0.981	0.951	0.920
		-7.5	—	1.000	0.981	0.951	0.920
		-10	—	—	0.981	0.951	0.920
		-15	—	—	—	0.951	0.920

Heating		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.942	0.924
		10	—	—	0.959	0.942	0.924
		7.5	—	1.000	0.959	0.942	0.924
		3	0.990	1.000	0.959	0.942	0.924
		0	0.990	1.000	0.959	0.942	0.924
	Indoor unit is lower than outdoor unit *2	-3	0.985	0.995	0.954	0.937	0.919
		-7.5	—	0.993	0.952	0.935	0.918
		-10	—	—	0.949	0.932	0.915
		-15	—	—	—	0.928	0.910

■ Indoor unit: 12,000 Btu

Cooling		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.919	0.883
		10	—	—	0.962	0.926	0.891
		7.5	—	0.988	0.966	0.930	0.894
		3	0.992	0.992	0.970	0.934	0.898
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.978	0.941	0.905
		-3	1.000	1.000	0.978	0.941	0.905
		-7.5	—	1.000	0.978	0.941	0.905
		-10	—	—	0.978	0.941	0.905
		-15	—	—	—	0.941	0.905

Heating		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.941	0.924
		10	—	—	0.958	0.941	0.924
		7.5	—	1.000	0.958	0.941	0.924
		3	0.992	1.000	0.958	0.941	0.924
	Indoor unit is lower than outdoor unit *2	0	0.992	1.000	0.958	0.941	0.924
		-3	0.987	0.995	0.953	0.936	0.919
		-7.5	—	0.993	0.951	0.934	0.918
		-10	—	—	0.948	0.932	0.915
		-15	—	—	—	0.927	0.910

■ Indoor unit: 14,000 Btu

Cooling		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.947	0.927
		10	—	—	0.974	0.955	0.935
		7.5	—	0.988	0.978	0.959	0.939
		3	0.992	0.992	0.982	0.963	0.942
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.990	0.971	0.950
		-3	1.000	1.000	0.990	0.971	0.950
		-7.5	—	1.000	0.990	0.971	0.950
		-10	—	—	0.990	0.971	0.950
		-15	—	—	—	0.971	0.950

Heating		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.938	0.920
		10	—	—	0.957	0.938	0.920
		7.5	—	1.000	0.957	0.938	0.920
		3	0.996	1.000	0.957	0.938	0.920
	Indoor unit is lower than outdoor unit *2	0	0.996	1.000	0.957	0.938	0.920
		-3	0.991	0.995	0.952	0.933	0.915
		-7.5	—	0.993	0.950	0.931	0.914
		-10	—	—	0.947	0.929	0.911
		-15	—	—	—	0.924	0.906

8. Additional charge calculation

8-1. Model: AOYG14LAC2

Refrigerant type		R410A
Refrigerant amount	g	1,250

■ Refrigerant charge

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

8-2. Model: AOYG18LAC2

Refrigerant type		R410A
Refrigerant amount	g	1,300

■ Refrigerant charge

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

9. Airflow

9-1. Model: AOYG14LAC2

● Cooling

m ³ /h	1,850
l/s	514
CFM	1,089

● Heating

m ³ /h	1,850
l/s	514
CFM	1,089

9-2. Model: AOYG18LAC2

● Cooling

m ³ /h	2,050
l/s	569
CFM	1,206

● Heating

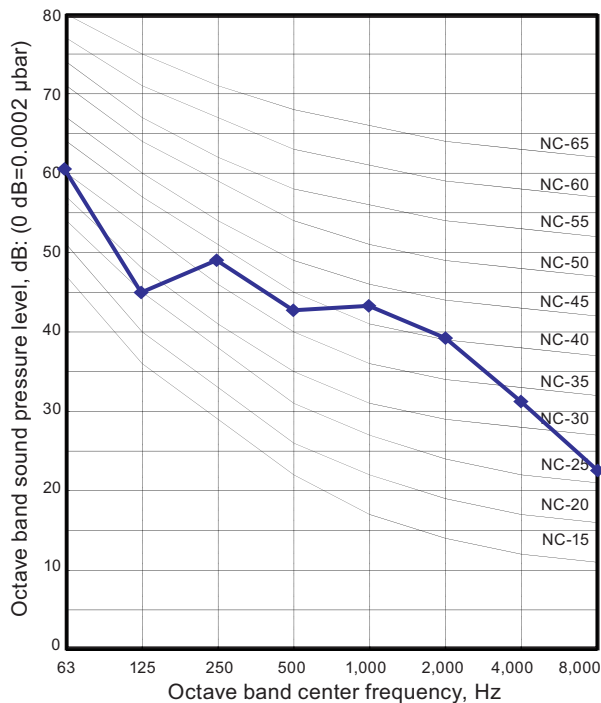
m ³ /h	2,050
l/s	569
CFM	1,206

10. Operation noise (sound pressure)

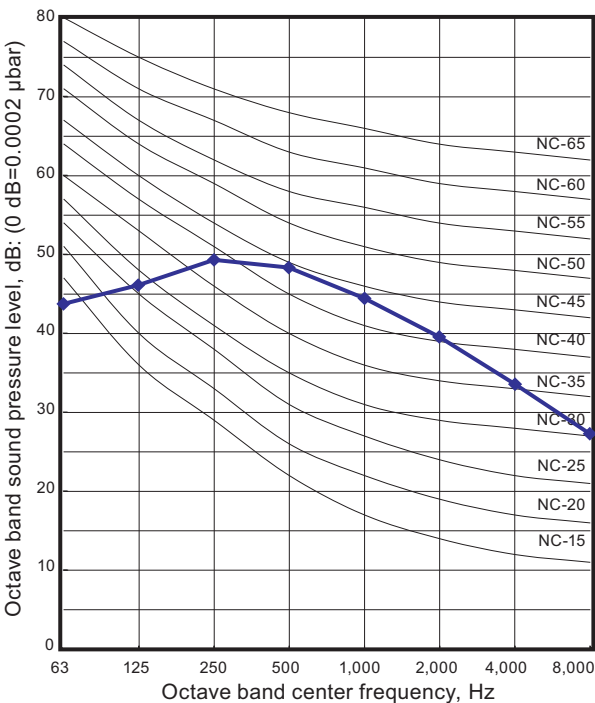
10-1. Noise level curve

Model: AOYG14LAC2

Cooling

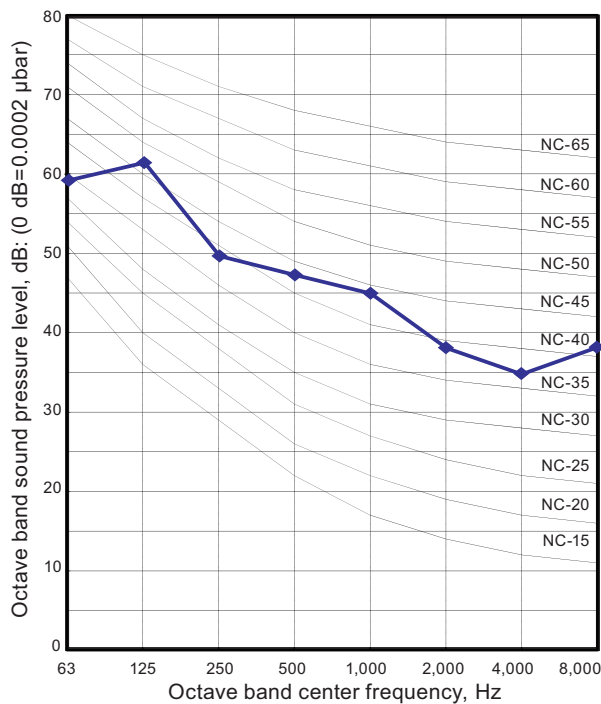


Heating

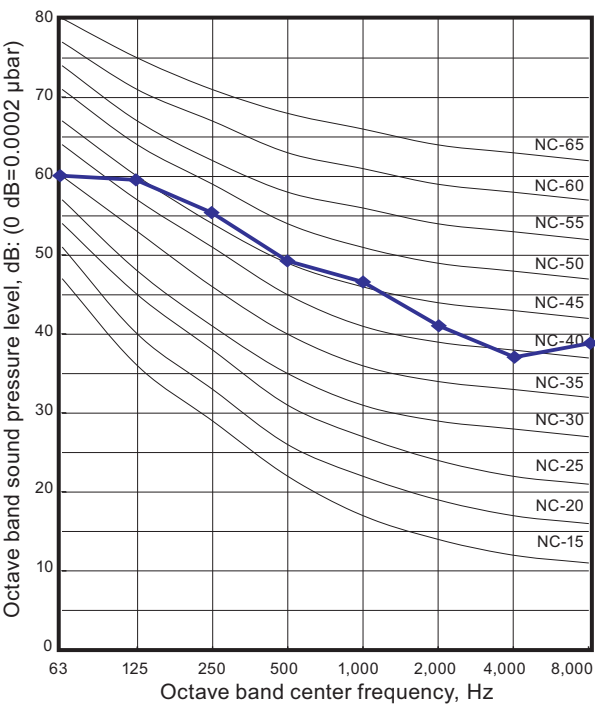


Model: AOYG18LAC2

Cooling

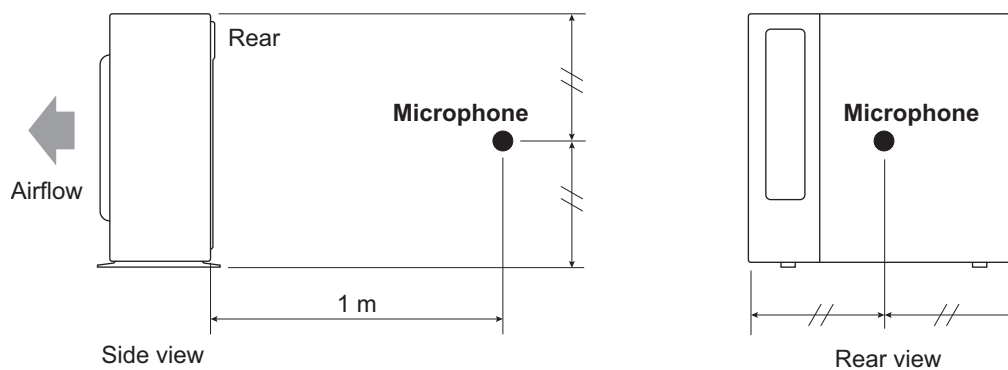


Heating



OUTDOOR UNIT
AOYG14,18LAC2

10-2. Sound level check point



NOTE: Detailed shape of the actual outdoor unit might be slightly different from the one illustrated above.

11. Electrical characteristics

Model name			AOYG14LAC2	AOYG18LAC2
Power supply	Voltage	V	230 ~	
	Frequency	Hz	50	
Maximum operating current *1		A	10.0	12.0
Starting current		A	5.1	6.9
Wiring spec. *2	Main fuse (Circuit breaker) current	A	15	
	Power cable	mm ²	2.5	
	Limited wiring length *3	m	16	

*1: Maximum current is the total current of the indoor unit and the outdoor unit.

*2: Selected sample based on Japan Electrotechnical Standards and Codes Committee E0005.
As the regulations of wire size and circuit breaker differ in each country or region, select appropriate devices complied to the regional standard.

*3: This is the wiring length in case voltage descent is less than 2%. When the wiring length becomes longer, select the wiring of a more larger diameter.

12. Safety devices

Type of protection	Protection form		Model	
			AOYG14LAC2	AOYG18LAC2
Circuit protection	Current fuse (Main PCB)		250 V, 15 A 250 V, 10 A 250 V, 3.15 A	
	Current fuse (Near the terminal to indoor unit)		250 V, 20 A	
Fan motor protection	Thermal protector	Activate	100 ⁺¹⁵ ₋₁₀ °C Fan motor stop	
		Reset	95 ⁺¹⁵ ₋₁₀ °C Fan motor restart	
Compressor protection	Temperature thermistor (Discharge temp.)	Activate	110 °C Compressor stop	
		Reset	80 °C Compressor restart	
	Temperature thermistor (Compressor bottom temp.)	Activate	—	110 °C Compressor stop
		Reset	—	80 °C Compressor restart
Refrigerant circuit protection	Thermal protection program (Heat exchanger temp.)	Activate	67 °C	
		Reset	59 °C	

13. Accessories

Part name	Exterior	Q'ty	Part name	Exterior	Q'ty
Installation manual		1	Drain pipe		1
Adapter, 9.52 (3/8)→12.7 (1/2) [mm (in)] (18 model only)		1 set			

14. Outdoor unit installation precautions

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

14-1. Place where prohibited for use

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

14-2. Points to remember when installing

- The product shall be installed at a place which can withstand the weight and vibration of the outdoor unit.
- To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space.
*Installation service space is shown in "Installation space" on page 287.
- Be careful when installing the set at the following places.

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

Part 3. OUTDOOR UNIT (3 ROOMS TYPE)

**MULTI TYPE:
AOYG18LAT3
AOYG24LAT3**

1. Specifications

Type				Inverter heat pump	
Model name				AOYG18LAT3	AOYG24LAT3
Power supply				230 V ~ 50 Hz	
Available voltage range				198—264 V	
Standard combination of indoor unit				Wall mounted ASYG07LMCA × 3	Wall mounted ASYG07LMCA × 2 ASYG09LMCA × 1
Capacity	Cooling	Rated	kW	5.4	6.8
			Btu/h	18,400	23,200
		Min.—Max.	kW	1.8—6.8	1.8—8.5
			Btu/h	6,100—23,200	6,100—29,000
	Heating	Rated	kW	6.8	8.0
			Btu/h	23,200	27,300
		Min.—Max.	kW	2.0—8.0	2.0—9.2
			Btu/h	6,800—27,300	6,800—31,400
Input power	Cooling	Rated	kW	1.35	1.94
		Max.		2.06	2.60
	Heating	Rated		1.62	2.00
		Max.		2.06	2.87
Current	Cooling	Rated	A	5.9	8.5
	Heating			7.1	8.8
EER	Cooling	Rated	kW/kW	4.00	3.51
COP	Heating			4.20	4.00
Starting current			A	7.1	8.8
Maximum operating current *1			A	9.0	12.5
Fan	Airflow rate	Cooling	m³/h	3,050	3,300
		Heating		2,750	3,300
	Type × Q'ty		Propeller × 1		
Motor output		W	100		
Sound pressure level*2		Cooling	dB (A)	46	48
		Heating		47	49
Heat exchanger type		Dimensions (H × W × D)	mm	672 × 900 × 36.4	
		Fin pitch		1.45	
		Rows × Stages		2 × 32	
		Pipe type		Copper	
		Fin type	Type (Material)	Corrugate (Aluminum)	
			Surface treatment	Corrosion resistance (Blue fin)	
Compressor	Type × Q'ty		W	DC twin rotary × 1	
	Motor output			1,100	
Refrigerant		Type (Global warming potential)		R410A (2088)	
		Charge	g	2,200	
Refrigerant oil		Type	POE		
Enclosure		Material		Steel sheet	
		Color		Beige (Approximate color of MUNSELL 10YR 7.5/1.0 NN)	
Dimensions (H × W × D)	Net		mm	700 × 900 × 330	
	Gross			865 × 1,050 × 445	
Weight	Net		kg	55	
	Gross			64	
Connection pipe	Size	Liquid	mm	Ø 6.35 (Ø 1/4) × 3	
		Gas		Ø9.52 (Ø3/8) × 2, [Ø12.70 (Ø1/2) × 1] *3	
	Method		m	Flare	
	Pre-charge length (Total)			30	
	Maximum length (Total)			50	
	Maximum length (Each)			25	
	Minimum length (Total)			15	
	Minimum length (Each)			5	
	Maximum height difference between outdoor unit and each indoor units.			15	
	Maximum height difference between indoor units.			10	
Operation range		Cooling	°C	-10 to 46	
		Heating		-15 to 24	

NOTES:

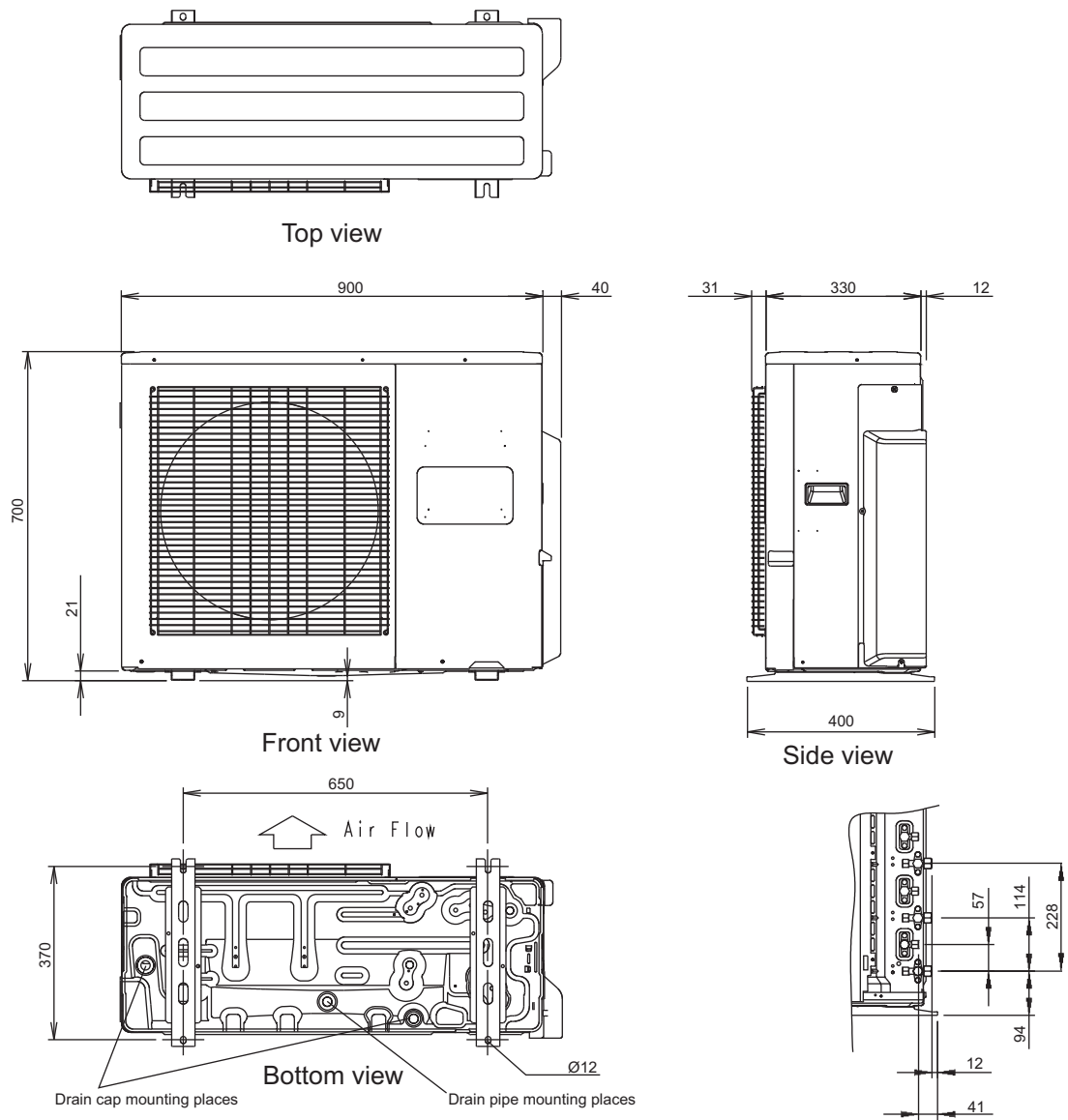
- Specifications are based on the following conditions:
 - Power source of specifications: 230 V
 - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]
 - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
 - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
- *1: The maximum current is the maximum value when the operated within the operation range.
- *2: Sound pressure level
 - Measured values in manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
- *3: Connect to connection valve by the adapter.
- For other combination, refer to the combination table.
- The protective function might work when using it outside the operation range.

Product fiche							
Model name				AOYG18LAT3		AOYG24LAT3	
Energy efficiency class		Cooling		A++		A++	
		Heating (average)		A+		A+	
Pdesign		Cooling	kW	5.4 (35 °C)		6.8 (35 °C)	
		Heating (average)		5.0 (-10 °C)		5.2 (-10 °C)	
SEER		Cooling	kWh/kWh	6.90		6.40	
SCOP		Heating (average)		4.30		4.20	
Annual energy consumption		QCE		274		372	
		QHE (average)		1,627		1,730	
Sound power level	Cooling	High	dB (A)	65		68	
	Heating			67		70	

2. Dimensions

2-1. Models: AOYG18LAT3 and AOYG24LAT3

Unit: mm



3. Installation space

3-1. Models: AOYG18LAT3 and AOYG24LAT3

■ Space requirement

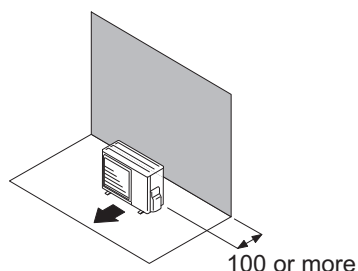
Provide sufficient installation space for product safety.

● Single outdoor unit installation

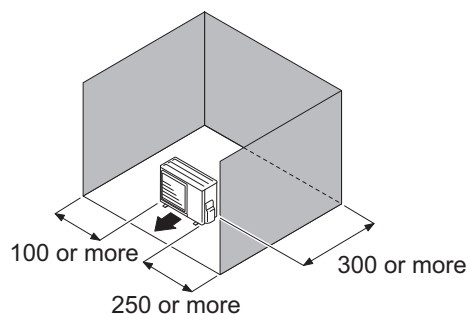
- When the upper space is open:

Unit: mm

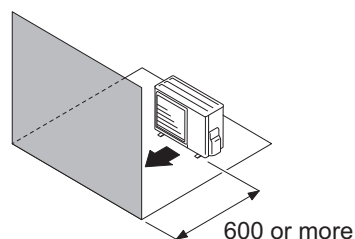
When there are obstacles at the rear only.



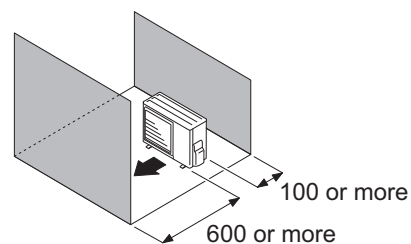
When there are obstacles at the rear and sides.



When there are obstacles at the front only.



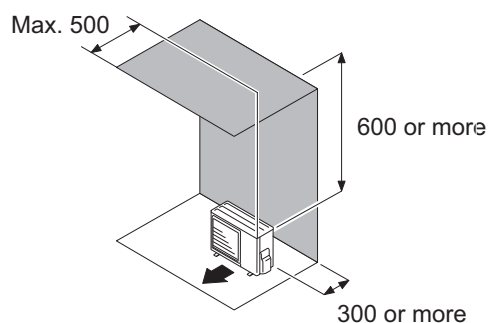
When there are obstacles at the front and rear.



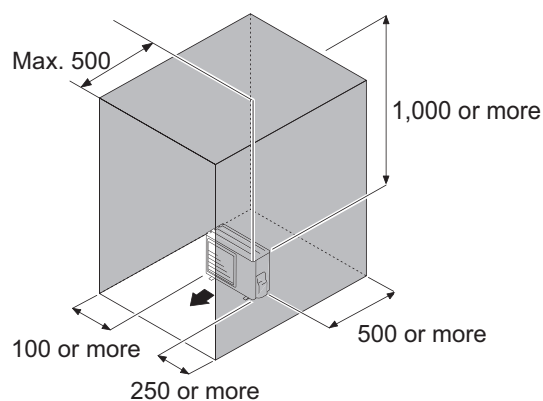
- When there is an obstruction in the upper space:

Unit: mm

When there are obstacles at the rear and above.



When there are obstacles at the rear, sides, and above.



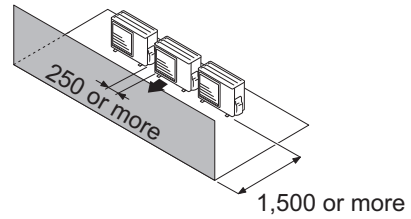
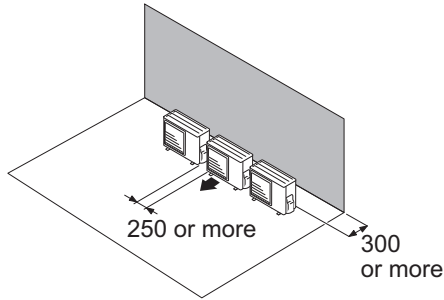
● Multiple outdoor unit installation

- When the upper space is open:

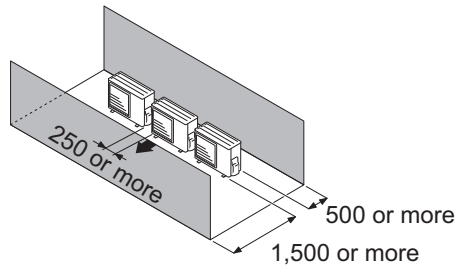
Unit: mm

When there are obstacles at the rear only.

When there are obstacles at the front only.



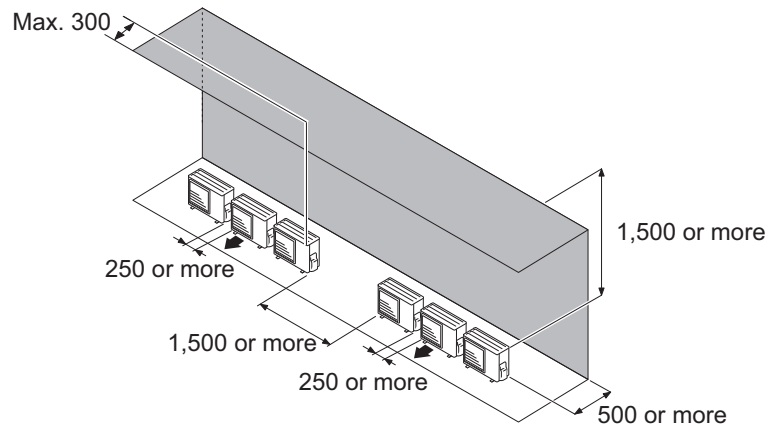
When there are obstacles at the front and rear.



- When there is an obstruction in the upper space:

Unit: mm

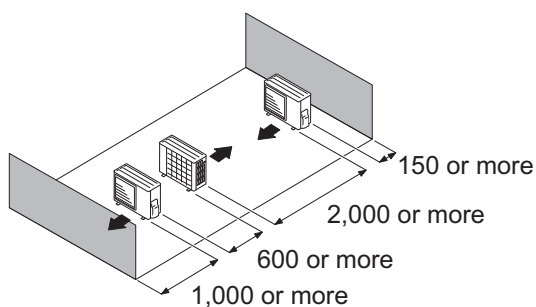
When there are obstacles at the rear and above.



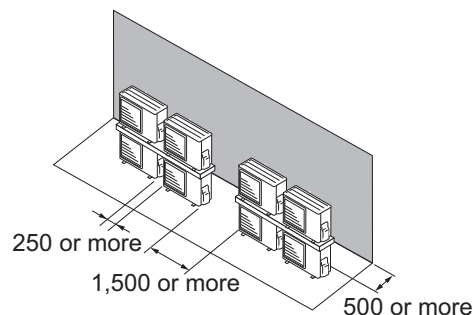
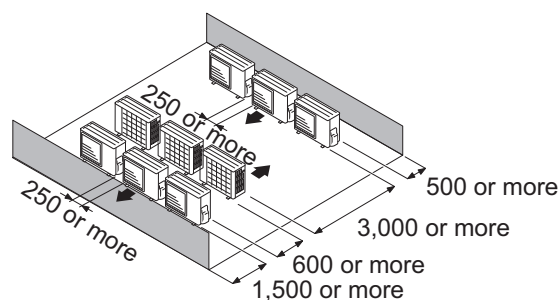
● Outdoor unit installation in multi-row

Unit: mm

Single parallel unit arrangement



Multiple parallel unit arrangement

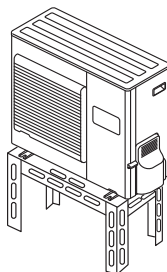


NOTES:

- If the space is larger than stated above, the condition will be the same as when there is no obstacle.
- Height above the floor level should be 50 mm or more.
- When installing the outdoor unit, be sure to open the front and left side to obtain better operation efficiency.

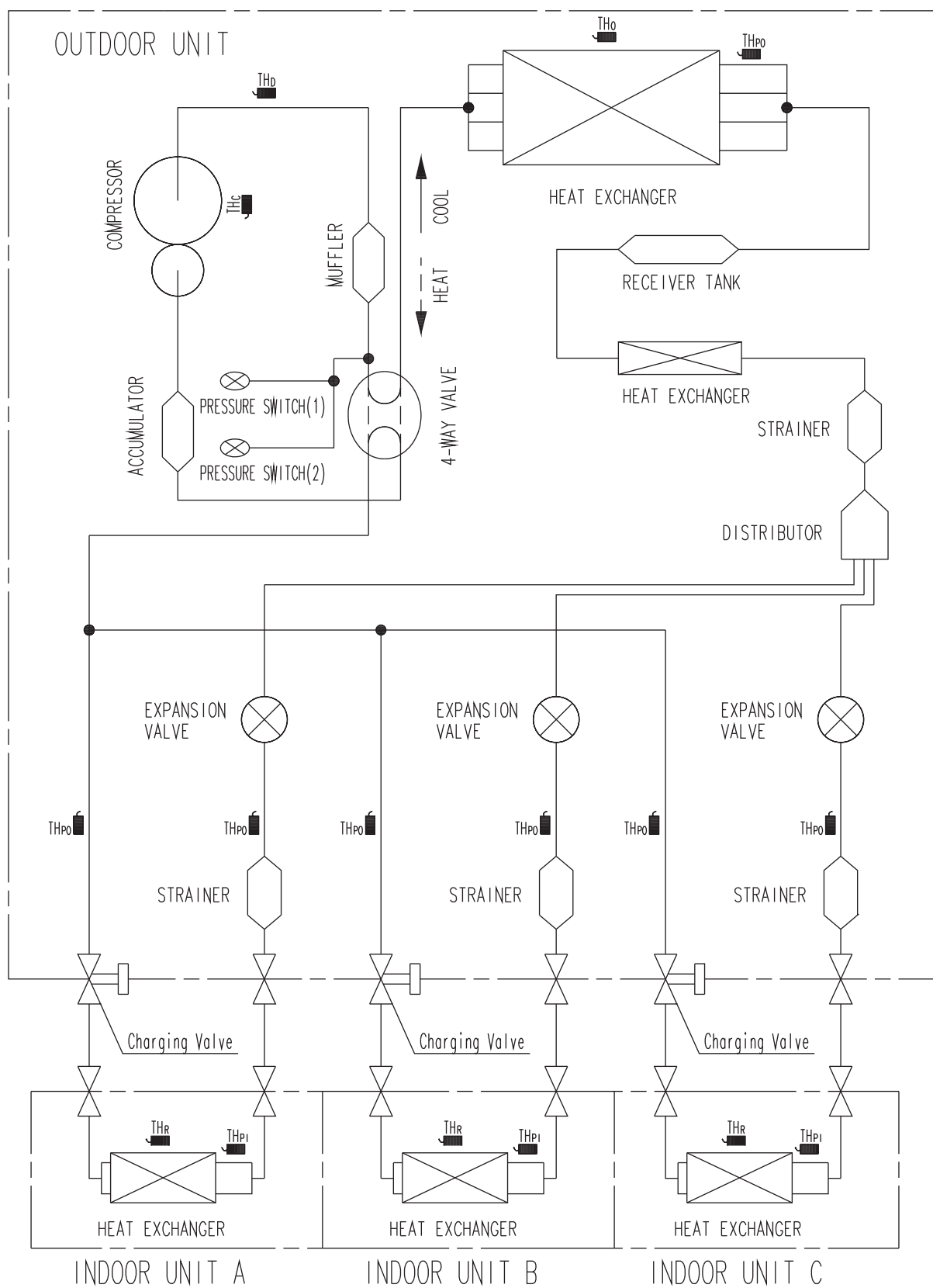
⚠ CAUTION

- Do not install the outdoor unit in two-stage where the drain water could freeze. Otherwise the drainage from the upper unit may form ice and cause a malfunction of the lower unit.
- When the outdoor temperature is 0 °C or less, do not use the accessory drain pipe and drain cap. If the drain pipe and drain cap are used, the drain water in the pipe may freeze in extremely cold climate. (For reverse cycle model only.)
- In area with heavy snowfall, if the inlet and outlet of the outdoor unit is blocked with snow, it might become difficult to get warm, and it is likely to cause product malfunction. Construct a canopy and a pedestal, or place the unit on a high stand that is locally installed.



4. Refrigerant circuit

4-1. Models: AOYG18LAT3 and AOYG24LAT3

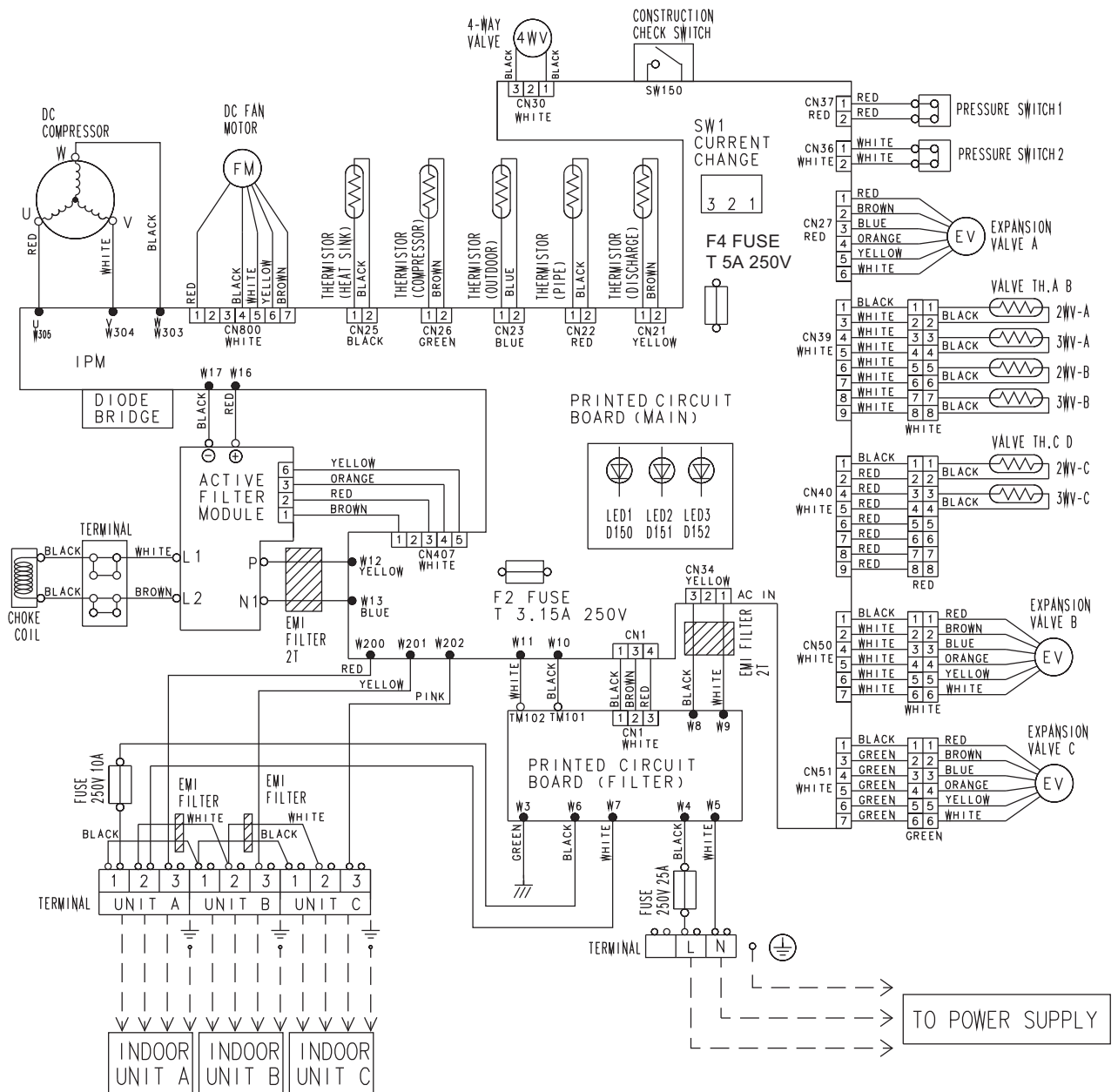


TH_d : THERMISTOR(DISCHARGE TEMP.)
 TH_o : THERMISTOR(OUTDOOR TEMP.)
 TH_{po} : THERMISTOR(PIPE TEMP.)
 TH_c : THERMISTOR(COMPRESSOR TEMP.)

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

5. Wiring diagram

5-1. Models: AOYG18LAT3 and AOYG24LAT3



6. Capacity table

6-1. Combinations

■ Model: AOYG18LAT3

● Cooling

Combination of indoor unit				Rated capacity for each indoor unit (kBtu/h)			Total capacity (kBtu/h)			Input power (kW)			EER (W/W)	Seasonal Data		
Room			Total	Room			Min.	Rated	Max.	Min.	Rated	Max.		Pdesign (kW)	SEER (kW/ kWh)	Energy Efficiency Class
1	2	3		1	2	3										
7	7	—	14	2.30	2.30	—	1.8	4.60	5.0	0.50	1.22	1.43	3.77	4.6	6.3	A++
7	9	—	16	2.30	2.70	—	1.8	5.00	5.7	0.50	1.35	1.81	3.70	5.0	6.2	A++
7	12	—	19	1.98	3.02	—	1.8	5.00	6.1	0.50	1.34	2.06	3.73	5.0	6.2	A++
7	14	—	21	1.88	3.42	—	1.8	5.30	6.6	0.50	1.34	2.06	3.96	5.3	6.1	A++
9	9	—	18	2.50	2.50	—	1.8	5.00	6.2	0.50	1.35	2.06	3.70	5.0	6.2	A++
9	12	—	21	2.18	2.82	—	1.8	5.00	6.3	0.50	1.35	2.06	3.70	5.0	6.2	A++
9	14	—	23	2.07	3.23	—	1.8	5.30	6.7	0.50	1.35	2.06	3.93	5.3	6.1	A++
12	12	—	24	2.55	2.55	—	1.8	5.10	6.3	0.50	1.35	2.06	3.78	5.1	6.1	A++
12	14	—	26	2.41	2.89	—	1.8	5.30	6.7	0.50	1.35	2.06	3.93	5.3	6.1	A++
7	7	7	21	1.80	1.80	1.80	1.8	5.40	6.8	0.50	1.35	2.06	4.00	5.4	6.9	A++
7	7	9	23	1.70	1.70	2.00	1.8	5.40	6.8	0.50	1.35	2.06	4.00	5.4	6.9	A++
7	7	12	26	1.53	1.53	2.33	1.8	5.40	6.8	0.50	1.35	2.06	4.00	5.4	6.7	A++
7	7	14	28	1.41	1.41	2.58	2.0	5.40	6.8	0.60	1.35	2.06	4.00	5.4	6.7	A++
7	9	9	25	1.61	1.89	1.89	1.8	5.40	6.8	0.50	1.35	2.06	4.00	5.4	6.8	A++
7	9	12	28	1.46	1.72	2.22	1.8	5.40	6.8	0.50	1.35	2.06	4.00	5.4	6.7	A++
7	9	14	30	1.35	1.58	2.47	2.0	5.40	6.8	0.60	1.35	2.06	4.00	5.4	6.7	A++
9	9	9	27	1.80	1.80	1.80	1.8	5.40	6.8	0.50	1.35	2.06	4.00	5.4	6.8	A++
9	9	12	30	1.64	1.64	2.12	1.8	5.40	6.8	0.50	1.35	2.06	4.00	5.4	6.7	A++

NOTES:

- 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 14: 14,000 Btu/h
- The above is the value for connecting with wall mounted type.
- 2 or more indoor units should be connected.
- Cooling: Indoor temperature of 27 °CDB/19 °CWB and outdoor temperature of 35 °CDB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected a indoor unit is from 14,000 Btu up to 30,000 Btu.

● Heating

Combination of indoor unit				Rated capacity for each indoor unit (kBtu/h)			Total capacity (kBtu/h)			Input power (kW)			COP (W/W)	Seasonal Data		
Room			Total	Room			Min.	Rated	Max.	Min.	Rated	Max.		Pdesign (kW)	SCOP (kW/kWh)	Energy Efficiency Class
1	2	3		1	2	3										
7	7	—	14	2.70	2.70	—	2.0	5.40	6.1	0.52	1.59	1.93	3.40	4.0	4.1	A+
7	9	—	16	2.75	3.25	—	2.0	6.00	6.4	0.52	1.87	2.06	3.21	4.0	4.1	A+
7	12	—	19	2.59	3.71	—	2.0	6.30	6.5	0.52	1.98	2.06	3.18	4.0	4.1	A+
7	14	—	21	2.51	4.29	—	2.0	6.80	7.1	0.50	1.92	2.06	3.54	4.0	4.1	A+
9	9	—	18	3.15	3.15	—	2.0	6.30	6.5	0.52	1.98	2.06	3.18	4.0	4.1	A+
9	12	—	21	2.89	3.51	—	2.0	6.40	6.6	0.52	1.99	2.06	3.22	4.0	4.1	A+
9	14	—	23	2.77	4.03	—	2.0	6.80	7.2	0.50	1.91	2.06	3.56	4.0	4.1	A+
12	12	—	24	3.20	3.20	—	2.0	6.40	6.6	0.52	1.98	2.06	3.23	4.0	4.1	A+
12	14	—	26	3.09	3.71	—	2.0	6.80	7.3	0.50	1.90	2.06	3.58	4.0	4.1	A+
7	7	7	21	2.27	2.27	2.27	2.0	6.80	7.7	0.50	1.62	2.06	4.20	5.0	4.3	A+
7	7	9	23	2.14	2.14	2.52	2.0	6.80	7.8	0.50	1.62	2.06	4.20	5.0	4.3	A+
7	7	12	26	1.98	1.98	2.83	2.0	6.80	7.8	0.50	1.59	2.06	4.28	5.0	4.3	A+
7	7	14	28	1.83	1.83	3.14	2.0	6.80	8.0	0.50	1.61	2.06	4.22	5.0	4.3	A+
7	9	9	25	2.03	2.39	2.39	2.0	6.80	7.8	0.50	1.60	2.06	4.25	5.0	4.3	A+
7	9	12	28	1.89	2.22	2.69	2.0	6.80	7.9	0.50	1.59	2.06	4.28	5.0	4.3	A+
7	9	14	30	1.75	2.06	2.99	2.0	6.80	8.0	0.50	1.60	2.06	4.25	5.0	4.3	A+
9	9	9	27	2.27	2.27	2.27	2.0	6.80	7.9	0.50	1.59	2.06	4.28	5.0	4.3	A+
9	9	12	30	2.12	2.12	2.57	2.0	6.80	7.9	0.50	1.59	2.06	4.28	5.0	4.3	A+

NOTES:

- 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 14: 14,000 Btu/h
- The above is the value for connecting with wall mounted type.
- 2 or more indoor units should be connected.
- Heating: Indoor temperature of 20 °CDB and outdoor temperature of 7 °CDB/6 °CWB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected a indoor unit is from 14,000 Btu up to 30,000 Btu.

Model: AOYG24LAT3

Cooling

Combination of indoor unit				Rated capacity for each indoor unit (kBtu/h)			Total capacity (kBtu/h)			Input power (kW)			EER (W/W)	Seasonal Data		
Room			Total	Room			Min.	Rated	Max.	Min.	Rated	Max.		Pdesign (kW)	SEER (kW/kWh)	Energy Efficiency Class
1	2	3		1	2	3										
7	7	—	14	2.30	2.30	—	1.8	4.60	5.0	0.50	1.20	1.40	3.83	4.6	6.3	A++
7	9	—	16	2.30	2.70	—	1.8	5.00	5.7	0.50	1.36	1.78	3.68	5.0	6.2	A++
7	12	—	19	2.38	3.42	—	1.8	5.80	6.1	0.50	1.70	1.97	3.41	5.8	6.1	A++
7	14	—	21	2.37	4.13	—	1.8	6.50	7.2	0.50	1.91	2.46	3.40	6.5	6.0	A+
7	18	—	25	2.08	4.52	—	1.8	6.60	7.8	0.50	1.91	2.87	3.46	6.6	5.9	A+
9	9	—	18	2.75	2.75	—	1.8	5.50	6.2	0.50	1.55	2.02	3.55	5.5	6.1	A++
9	12	—	21	2.79	3.41	—	1.8	6.20	6.8	0.50	1.90	2.45	3.26	6.2	5.9	A+
9	14	—	23	2.66	3.94	—	1.8	6.60	7.7	0.50	1.91	2.77	3.46	6.6	6.0	A+
9	18	—	27	2.35	4.35	—	1.8	6.70	7.9	0.50	1.91	2.87	3.51	6.7	5.9	A+
12	12	—	24	3.15	3.15	—	1.8	6.30	7.2	0.50	1.90	2.74	3.32	6.3	5.9	A+
12	14	—	26	3.03	3.67	—	1.8	6.70	7.8	0.50	1.91	2.87	3.51	6.7	5.9	A+
12	18	—	30	2.66	4.04	—	1.8	6.70	7.9	0.50	1.92	2.87	3.49	6.7	5.8	A+
7	7	7	21	2.23	2.23	2.23	1.8	6.70	7.4	0.50	1.89	2.37	3.54	6.7	6.4	A++
7	7	9	23	2.14	2.14	2.52	1.8	6.80	7.8	0.60	1.94	2.87	3.51	6.8	6.4	A++
7	7	12	26	1.98	1.98	2.84	1.8	6.80	8.1	0.50	1.93	2.87	3.52	6.8	6.3	A++
7	7	14	28	1.82	1.82	3.16	2.0	6.80	8.4	0.60	1.94	2.87	3.51	6.8	6.2	A++
7	7	18	32	1.63	1.63	3.54	2.0	6.80	8.5	0.60	1.94	2.87	3.51	6.8	6.1	A++
7	9	9	25	2.03	2.38	2.38	1.8	6.80	8.2	0.50	1.93	2.87	3.52	6.8	6.4	A++
7	9	12	28	1.88	2.21	2.70	1.8	6.80	8.2	0.50	1.93	2.87	3.52	6.8	6.2	A++
7	9	14	30	1.74	2.04	3.02	2.0	6.40	8.4	0.60	1.94	2.87	3.51	6.8	6.2	A++
7	9	18	34	1.56	1.84	3.40	2.0	6.80	8.5	0.60	1.94	2.87	3.51	6.8	6.1	A++
7	12	12	31	1.76	2.52	2.52	1.8	6.80	8.2	0.50	1.94	2.87	3.51	6.8	6.2	A++
7	12	14	33	1.63	2.34	2.83	2.0	6.80	8.5	0.60	1.94	2.87	3.51	6.8	6.2	A++
9	9	9	27	2.27	2.27	2.27	1.8	6.80	8.2	0.50	1.94	2.87	3.51	6.8	6.4	A++
9	9	12	30	2.11	2.11	2.58	1.8	6.80	8.3	0.50	1.94	2.87	3.51	6.8	6.2	A++
9	9	14	32	1.95	1.95	2.89	2.0	6.80	8.5	0.60	1.94	2.87	3.51	6.8	6.2	A++
9	9	18*1	36	1.77	1.77	3.27	2.0	6.80	8.5	0.60	1.94	2.87	3.51	6.8	6.1	A++
9	12	12	33	1.97	2.41	2.41	1.8	6.80	8.3	0.50	1.94	2.87	3.51	6.8	6.2	A++
9	12	14	35	1.84	2.24	2.72	2.0	6.80	8.5	0.60	1.94	2.87	3.51	6.8	6.2	A++
12	12	12	36	2.27	2.27	2.27	1.8	6.80	8.3	0.50	1.94	2.87	3.51	6.8	6.1	A++

NOTES:

- 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 18: 18,000 Btu/h
- The above is the value for connecting with wall mounted type.
- 2 or more indoor units should be connected.
- Cooling: Indoor temperature of 27 °CDB/19 °CWB and outdoor temperature of 35°CDB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected indoor units is from 14,000 Btu up to 36,000 Btu.
- *1: When ASYG18L is connected, 9,000Btu model shall be chosen at least one "wall mounted type" or more.

● Heating

Combination of indoor unit				Rated capacity for each indoor unit (kBtu/h)			Total capacity (kBtu/h)			Input power (kW)			COP (W/W)	Seasonal Data		
Room			Total	Room			Min.	Rated	Max.	Min.	Rated	Max.		Pdesign (kW)	SCOP (kW/kWh)	Energy Efficiency Class
1	2	3		1	2	3										
7	7	—	14	2.75	2.75	—	2.0	5.50	6.1	0.52	1.55	1.93	3.55	4.0	4.1	A+
7	9	—	16	2.80	3.30	—	2.0	6.10	7.0	0.52	1.82	2.52	3.35	4.0	4.1	A+
7	12	—	19	2.88	4.12	—	2.0	7.00	7.3	0.52	2.31	2.66	3.03	4.0	4.1	A+
7	14	—	21	2.80	4.80	—	2.0	7.60	8.3	0.50	2.28	2.87	3.33	4.0	4.1	A+
7	18	—	25	2.51	5.39	—	2.0	7.90	8.3	0.50	2.34	2.87	3.38	4.0	4.1	A+
9	9	—	18	3.30	3.30	—	2.0	6.60	7.4	0.52	2.04	2.68	3.24	4.0	4.1	A+
9	12	—	21	3.30	4.00	—	2.0	7.30	7.7	0.52	2.43	2.87	3.00	4.0	4.1	A+
9	14	—	23	3.22	4.68	—	2.0	7.90	8.3	0.50	2.38	2.87	3.32	4.0	4.1	A+
9	18	—	27	2.84	5.16	—	2.0	8.00	8.5	0.50	2.32	2.87	3.45	4.0	4.1	A+
12	12	—	24	3.80	3.80	—	2.0	7.60	7.8	0.52	2.54	2.87	2.99	4.0	4.1	A+
12	14	—	26	3.59	4.31	—	2.0	7.90	8.4	0.50	2.37	2.87	3.33	4.0	4.1	A+
12	18	—	30	3.20	4.80	—	2.0	8.00	8.6	0.50	2.31	2.87	3.46	4.0	4.1	A+
7	7	7	21	2.60	2.60	2.60	2.0	7.80	8.6	0.50	1.94	2.68	4.02	5.0	4.3	A+
7	7	9	23	2.52	2.52	2.96	2.0	8.00	8.8	0.50	2.00	2.87	4.00	5.2	4.2	A+
7	7	12	26	2.34	2.34	3.32	2.0	8.00	8.9	0.50	1.99	2.80	4.02	5.2	4.2	A+
7	7	14	28	2.16	2.16	3.68	2.0	8.00	9.2	0.50	1.91	2.72	4.19	5.2	4.2	A+
7	7	18	32	1.94	1.94	4.12	2.0	8.00	9.2	0.50	1.89	2.70	4.23	5.2	4.2	A+
7	9	9	25	2.38	2.81	2.81	2.0	8.00	9.0	0.50	1.99	2.87	4.02	5.2	4.2	A+
7	9	12	28	2.23	2.62	3.15	2.0	8.00	9.1	0.50	1.98	2.87	4.04	5.2	4.2	A+
7	9	14	30	2.06	2.42	3.52	2.0	8.00	9.2	0.50	1.91	2.72	4.19	5.2	4.2	A+
7	9	18	34	1.85	2.18	3.97	2.0	8.00	9.2	0.50	1.89	2.69	4.23	5.2	4.2	A+
7	12	12	31	2.08	2.96	2.96	2.0	8.00	9.1	0.50	1.97	2.87	4.06	5.2	4.2	A+
7	12	14	33	1.93	2.76	3.31	2.0	8.00	9.2	0.50	1.90	2.70	4.21	5.2	4.2	A+
9	9	9	27	2.67	2.67	2.67	2.0	8.00	9.1	0.50	1.98	2.87	4.04	5.2	4.2	A+
9	9	12	30	2.49	2.49	3.02	2.0	8.00	9.2	0.50	1.97	2.87	4.06	5.2	4.2	A+
9	9	14	32	2.32	2.32	3.37	2.0	8.00	9.2	0.50	1.89	2.70	4.23	5.2	4.2	A+
9	9	18*1	36	2.10	2.10	3.81	2.0	8.00	9.2	0.50	1.87	2.68	4.28	5.2	4.2	A+
9	12	12	33	2.34	2.83	2.83	2.0	8.00	9.2	0.50	1.96	2.80	4.08	5.2	4.2	A+
9	12	14	35	2.18	2.64	3.17	2.0	8.00	9.2	0.50	1.89	2.69	4.23	5.2	4.2	A+
12	12	12	36	2.67	2.67	2.67	2.0	8.00	9.2	0.50	1.95	2.78	4.10	5.2	4.2	A+

NOTES:

- 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 18: 18,000 Btu/h
- The above is the value for connecting with wall mounted type.
- 2 or more indoor units should be connected.
- Heating: Indoor temperature of 20 °CDB and outdoor temperature of 7 °CDB/6 °CWB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected indoor units is from 14,000 Btu up to 36,000 Btu.
- *1: When ASYG18L is connected, 9,000Btu model shall be chosen at least one "wall mounted type" or more.

**OUTDOOR UNIT
AOYG18,24LAT3**

■ **Model: AOYG18LAT3**

- Indoor units: 7,000 Btu

● Indoor units: 9,000 Btu

● Indoor units: 12,000 Btu

- 332 -

● Indoor units: 14,000 Btu

		Indoor temperature																							
		18						21						23						25					
		12						15						16						18					
Outdoor temperature	°CDB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
	°CWB	kW						kW						kW						kW					
	-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	5.36	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	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	5.05	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	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	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	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	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	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	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	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	4.96	3.24	1.59
	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	4.39	3.06	1.71

● Indoor units: 7,000 Btu + 7,000 Btu

		Indoor temperature																							
		18						21						23						25					
		12						15						16						18					
Outdoor temperature	°CDB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
	°CWB	kW						kW						kW						kW					
	-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	5.09	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	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	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	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	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	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	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	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	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	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	5.17	3.38	1.61
	46	3.44	2.76	1.88	3.83	2.77	1.88	3.96	3.01	1.88	4.23	3.03	1.88	4.36	3.27	1.88	4.62	3.25	1.88	4.75	3.25	1.88	4.75	3.25	1.88

● Indoor units: 7,000 Btu + 9,000 Btu

		Indoor temperature																							
		18						21						23						25					
		12						15						16						18					
Outdoor temperature	°CDB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
	°CWB	kW						kW						kW						kW					
	-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	5.87	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	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	5.53	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	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	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	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	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	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	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	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	5.91	3.76	2.06
	46	3.50	2.92	1.88	3.90	2.93	1.88	4.03	3.19	1.88	4.30	3.20	1.88	4.43	3.45	1.88	4.70	3.44	1.88	4.83	3.44	1.88	4.83	3.44	1.88

● Indoor units: 7,000 Btu + 12,000 Btu

● Indoor units: 7,000 Btu + 14,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu

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

● Indoor units: 9,000 Btu + 12,000 Btu

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

● Indoor units: 9,000 Btu + 14,000 Btu

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

● Indoor units: 12,000 Btu + 12,000 Btu

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

● Indoor units: 12,000 Btu + 14,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu + 7,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu + 9,000 Btu

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

**OUTDOOR UNIT
AOYG18,24LAT3**

● Indoor units: 7,000 Btu + 7,000 Btu + 14,000 Btu

● Indoor units: 7,000 Btu + 9,000 Btu + 9,000 Btu

● Indoor units: 7,000 Btu + 9,000 Btu + 12,000 Btu

- 336 -

● Indoor units: 7,000 Btu + 9,000 Btu + 14,000 Btu

	Indoor temperature																							
	18			21			23			25			27			29			32					
	12			15			16			18			19			21			23					
	°CDB	SHC	IP	°CDB	SHC	IP	°CDB	SHC	IP	°CDB	SHC	IP	°CDB	SHC	IP	°CDB	SHC	IP	°CDB	SHC	IP	°CDB	SHC	IP
Outdoor temperature	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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		
	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		

● Indoor units: 9,000 Btu + 9,000 Btu + 9,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu + 12,000 Btu

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

■ Model: AOYG24LAT3

- TC: Total Capacity, SHC: Sensible Heat Capacity, IP: Input Power
- 2 or more indoor units should be connected.

● Indoor units: 7,000 Btu

Outdoor temperature		Indoor temperature																				
	°CDB	18			21			23			25			27			29			32		
	°CWB	12			15			16			18			19			21			23		
	°CDB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		kW			kW			kW			kW			kW			kW			kW		
-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	
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 units: 9,000 Btu

		Indoor temperature																				
°CDB		18			21			23			25			27			29			32		
°CWB		12			15			16			18			19			21			23		
Outdoor temperature	°CDB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		kW			kW			kW			kW			kW			kW			kW		
	-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
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 units: 12,000 Btu

		Indoor temperature																				
°CDB		18			21			23			25			27			29			32		
°CWB		12			15			16			18			19			21			23		
Outdoor temperature	°CDB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		kW			kW			kW			kW			kW			kW			kW		
	-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
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 units: 14,000 Btu

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

● Indoor units: 18,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu

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

● Indoor units: 7,000 Btu + 12,000 Btu

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

● Indoor units: 7,000 Btu + 14,000 Btu

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

● Indoor units: 7,000 Btu + 18,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu

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

● Indoor units: 9,000 Btu + 12,000 Btu

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

● Indoor units: 9,000 Btu + 14,000 Btu

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

● Indoor units: 9,000 Btu + 18,000 Btu

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

OUTDOOR UNIT
AOYG18,24LAT3

● Indoor units: 12,000 Btu + 18,000 Btu

● Indoor units: 7,000 Btu + 7,000 Btu + 7,000 Btu

● Indoor units: 7,000 Btu + 7,000 Btu + 9,000 Btu

- 342 -

● Indoor units: 7,000 Btu + 7,000 Btu + 12,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu + 14,000 Btu

		Indoor temperature																							
°CDB		18			21			23			25			27			29			32					
°CWB		12			15			16			18			19			21			23					
Outdoor temperature	°CDB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP			
		kW			kW			kW			kW			kW			kW			kW					
	-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			
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 units: 7,000 Btu + 7,000 Btu + 18,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu + 9,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu + 12,000 Btu

		Indoor temperature																				
°CDB		18			21			23			25			27			29			32		
°CWB		12			15			16			18			19			21			23		
Outdoor temperature	°CDB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		kW			kW			kW			kW			kW			kW			kW		
	-10	6.25	4.82	1.05	6.96	4.85	1.06	7.20	5.27	1.07	7.68	5.29	1.08	7.91	5.71	1.08	8.39	5.69	1.10	8.63	5.68	1.10
	-5	5.99	4.70	1.19	6.67	4.73	1.20	6.90	5.14	1.21	7.36	5.16	1.22	7.58	5.57	1.23	8.04	5.55	1.24	8.27	5.54	1.25
	0	5.89	4.65	1.31	6.56	4.68	1.33	6.78	5.09	1.34	7.23	5.11	1.35	7.45	5.51	1.36	7.90	5.49	1.37	8.12	5.48	1.38
	5	5.83	4.63	1.34	6.50	4.66	1.36	6.72	5.06	1.37	7.16	5.08	1.38	7.39	5.49	1.39	7.83	5.47	1.41	8.05	5.46	1.41
	10	5.89	4.65	1.36	6.56	4.68	1.38	6.78	5.09	1.39	7.23	5.11	1.40	7.45	5.51	1.41	7.90	5.49	1.42	8.12	5.48	1.43
	15	6.05	4.73	1.59	6.74	4.76	1.61	6.97	5.17	1.62	7.43	5.19	1.64	7.66	5.61	1.65	8.12	5.59	1.66	8.35	5.57	1.67
	20	7.21	5.23	2.18	8.03	5.27	2.22	8.30	5.72	2.23	8.85	5.74	2.25	9.12	6.20	2.26	9.67	6.18	2.29	9.94	6.17	2.30
	25	6.98	5.14	2.21	7.78	5.17	2.25	8.04	5.62	2.26	8.57	5.64	2.28	8.84	6.09	2.29	9.37	6.07	2.31	9.63	6.05	2.33
	30	6.62	4.98	2.43	7.37	5.01	2.47	7.62	5.45	2.48	8.12	5.47	2.50	8.38	5.90	2.52	8.88	5.88	2.54	9.13	5.87	2.55
	35	6.48	4.92	2.77	7.22	4.95	2.87	7.46	5.38	2.87	7.95	5.40	2.87	8.20	5.83	2.87	8.69	5.81	2.87	8.94	5.80	2.87
	40	5.40	4.43	2.32	6.02	4.46	2.40	6.22	4.84	2.40	6.63	4.86	2.40	6.84	5.25	2.40	7.25	5.23	2.40	7.45	5.22	2.40
	46	4.00	3.90	1.88	4.45	3.93	1.88	4.60	4.27	1.88	4.91	4.28	1.88	5.06	4.62	1.88	5.36	4.61	1.88	5.51	4.60	1.88

● Indoor units: 7,000 Btu + 9,000 Btu + 14,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu + 18,000 Btu

		Indoor temperature																				
°CDB		18			21			23			25			27			29			32		
°CWB		12			15			16			18			19			21			23		
Outdoor temperature	°CDB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
		kW			kW			kW			kW			kW			kW			kW		
	-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
	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 units: 7,000 Btu + 12,000 Btu + 12,000 Btu

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

● Indoor units: 7,000 Btu + 12,000 Btu + 14,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu + 9,000 Btu

	Indoor temperature																							
	18			21			23			25			27			29			32					
	12			15			16			18			19			21			23					
	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP
Outdoor temperature	°CWB	kW			°CWB	kW			°CWB	kW			°CWB	kW			°CWB	kW			°CWB	kW		
	-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		
	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 units: 9,000 Btu + 9,000 Btu + 12,000 Btu

	Indoor temperature																							
	18			21			23			25			27			29			32					
	12			15			16			18			19			21			23					
	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP	°CDB	TC	SHC	IP
Outdoor temperature	°CWB	kW			°CWB	kW			°CWB	kW			°CWB	kW			°CWB	kW			°CWB	kW		
	-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		
	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		

● Indoor units: 9,000 Btu + 9,000 Btu + 14,000 Btu

		Indoor temperature																							
°CDB		18			21			23			25			27			29			32					
°CWB		12			15			16			18			19			21			23					
Outdoor temperature	°CDB	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP			
		kW			kW			kW			kW			kW			kW			kW					
	-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				
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				

OUTDOOR UNIT
AOYG18,24LAT3

Outdoor temperature

Outdoor temperature

Outdoor temperature

Outdoor temperature

Outdoor temperature

Outdoor temperature

6-3. Heating capacity

NOTE: Values mentioned in the table are calculated based on the maximum capacity.

■ Model: AOYG18LAT3

- TC: Total Capacity, IP: Input Power
- 2 or more indoor units should be connected.

● Indoor units: 7,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 9,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 12,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 14,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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	

● Indoor units: 7,000 Btu + 7,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu

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

● Indoor units: 7,000 Btu + 12,000 Btu

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

● Indoor units: 7,000 Btu + 14,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu

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

● Indoor units: 9,000 Btu + 12,000 Btu

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

● Indoor units: 9,000 Btu + 14,000 Btu

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

● Indoor units: 12,000 Btu + 12,000 Btu

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

● Indoor units: 12,000 Btu + 14,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu + 7,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu + 9,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu + 12,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu + 14,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu + 9,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu + 12,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu + 14,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu + 9,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu + 12,000 Btu

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

■ Model: AOYG24LAT3

- TC: Total Capacity, IP: Input Power
- 2 or more indoor units should be connected.

● Indoor units: 7,000 Btu

Outdoor temperature		Indoor temperature											
		°CDB		16		18		20		22		24	
				TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-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 units: 9,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 12,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 14,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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	

● Indoor units: 18,000 Btu

			Indoor temperature									
Outdoor temperature	°CDB		16		18		20		22		24	
	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 7,000 Btu + 7,000 Btu

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

● Indoor units: 7,000 Btu + 9,000 Btu

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

● Indoor units: 7,000 Btu + 12,000 Btu

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

● Indoor units: 7,000 Btu + 14,000 Btu

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

● Indoor units: 7,000 Btu + 18,000 Btu

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

● Indoor units: 9,000 Btu + 9,000 Btu

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

● Indoor units: 9,000 Btu + 12,000 Btu

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

● Indoor units: 9,000 Btu + 14,000 Btu

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

● Indoor units: 9,000 Btu + 18,000 Btu

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

● Indoor units: 12,000 Btu + 12,000 Btu

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

● Indoor units: 12,000 Btu + 14,000 Btu

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

● Indoor units: 12,000 Btu + 18,000 Btu

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

● Indoor units: 7,000 Btu + 7,000 Btu + 7,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 7,000 Btu + 7,000 Btu + 9,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 7,000 Btu + 7,000 Btu + 12,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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

● Indoor units: 7,000 Btu + 7,000 Btu + 14,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 7,000 Btu + 7,000 Btu + 18,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 7,000 Btu + 9,000 Btu + 9,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 7,000 Btu + 9,000 Btu + 12,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 7,000 Btu + 9,000 Btu + 14,000 Btu

			Indoor temperature									
Outdoor temperature	°CDB		16		18		20		22		24	
	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 7,000 Btu + 9,000 Btu + 18,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 7,000 Btu + 12,000 Btu + 12,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 7,000 Btu + 12,000 Btu + 14,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 9,000 Btu + 9,000 Btu + 9,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 9,000 Btu + 9,000 Btu + 12,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 9,000 Btu + 9,000 Btu + 14,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units*: 9,000 Btu + 9,000 Btu + 18,000 Btu

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

*: When ASBG18LFCA is connected, 9,000 Btu model shall be chosen at least one compact wall mounted type or more.

● Indoor units: 9,000 Btu + 12,000 Btu + 12,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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	

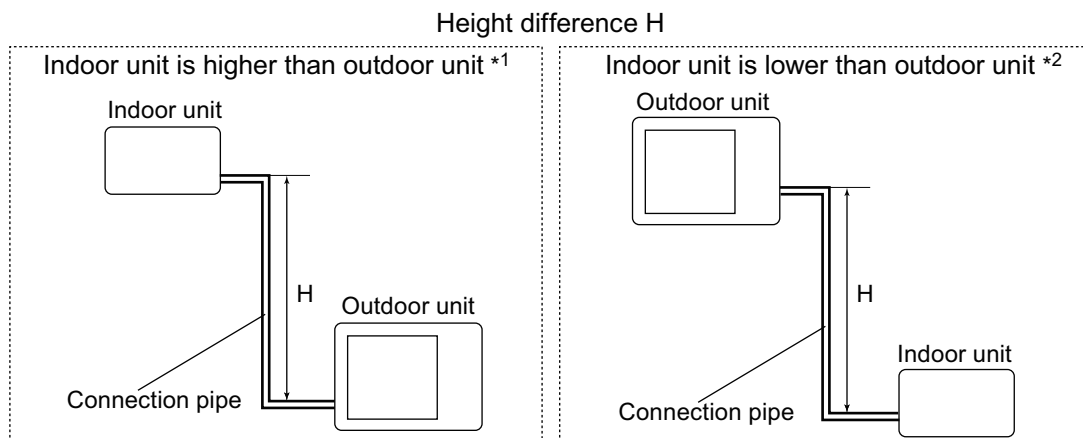
● Indoor units: 9,000 Btu + 12,000 Btu + 14,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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 units: 12,000 Btu + 12,000 Btu + 12,000 Btu

			Indoor temperature									
°CDB			16		18		20		22		24	
Outdoor temperature	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-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

7. Capacity compensation rate for pipe length and height difference



7-1. Models: AOYG18LAT3 and AOYG24LAT3

NOTE: Values mentioned in the table are calculated based on the maximum capacity.

■ Indoor unit: 7,000 Btu

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

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.977	0.958	0.939
		10	—	—	0.993	0.977	0.958	0.939
		7.5	—	1.000	0.993	0.977	0.958	0.939
		5	0.990	1.000	0.993	0.977	0.958	0.939
		0	0.990	1.000	0.993	0.977	0.958	0.939
	Indoor unit is lower than outdoor unit *2	-5	0.985	0.995	0.988	0.972	0.953	0.934
		-7.5	—	0.993	0.986	0.970	0.951	0.932
		-10	—	—	0.983	0.967	0.948	0.930
		-15	—	—	—	0.962	0.944	0.925

■ Indoor unit: 9,000 Btu

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

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

■ Indoor unit: 12,000 Btu

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.933	0.899	0.859
		10	—	—	0.970	0.940	0.906	0.866
		7.5	—	0.988	0.974	0.944	0.910	0.869
		5	1.006	0.992	0.978	0.948	0.913	0.873
	Indoor unit is lower than outdoor unit *2	0	1.014	1.000	0.986	0.956	0.921	0.880
		-5	1.014	1.000	0.986	0.956	0.921	0.880
		-7.5	—	1.000	0.986	0.956	0.921	0.880
		-10	—	—	0.986	0.956	0.921	0.880
		-15	—	—	—	0.956	0.921	0.880

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.975	0.957	0.940
		10	—	—	0.990	0.975	0.957	0.940
		7.5	—	1.000	0.990	0.975	0.957	0.940
		5	0.995	1.000	0.990	0.975	0.957	0.940
	Indoor unit is lower than outdoor unit *2	0	0.995	1.000	0.990	0.975	0.957	0.940
		-5	0.990	0.995	0.985	0.970	0.952	0.936
		-7.5	—	0.993	0.983	0.968	0.950	0.934
		-10	—	—	0.980	0.965	0.947	0.931
		-15	—	—	—	0.960	0.943	0.926

■ Indoor unit: 14,000 Btu

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.969	0.962	0.953
		10	—	—	0.982	0.977	0.970	0.961
		7.5	—	0.988	0.986	0.981	0.973	0.965
		5	0.994	0.992	0.990	0.985	0.977	0.968
	Indoor unit is lower than outdoor unit *2	0	1.002	1.000	0.998	0.993	0.985	0.976
		-5	1.002	1.000	0.998	0.993	0.985	0.976
		-7.5	—	1.000	0.998	0.993	0.985	0.976
		-10	—	—	0.998	0.993	0.985	0.976
		-15	—	—	—	0.993	0.985	0.976

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.967	0.943	0.917
		10	—	—	0.990	0.967	0.943	0.917
		7.5	—	1.000	0.990	0.967	0.943	0.917
		5	1.010	1.000	0.990	0.967	0.943	0.917
	Indoor unit is lower than outdoor unit *2	0	1.010	1.000	0.990	0.967	0.943	0.917
		-5	1.005	0.995	0.985	0.962	0.938	0.912
		-7.5	—	0.993	0.983	0.960	0.936	0.911
		-10	—	—	0.980	0.957	0.934	0.908
		-15	—	—	—	0.952	0.929	0.903

■ Indoor unit: 18,000 Btu

COOLING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.977	0.968	0.953
		10	—	—	0.986	0.985	0.976	0.960
		7.5	—	0.988	0.990	0.989	0.980	0.964
		5	0.989	0.992	0.994	0.993	0.984	0.968
	Indoor unit is lower than outdoor unit *2	0	0.997	1.000	1.002	1.002	0.992	0.976
		-5	0.997	1.000	1.002	1.002	0.992	0.976
		-7.5	—	1.000	1.002	1.002	0.992	0.976
		-10	—	—	1.002	1.002	0.992	0.976
		-15	—	—	—	1.002	0.992	0.976

HEATING			Pipe length (m)					
			5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.964	0.939	0.913
		10	—	—	0.988	0.964	0.939	0.913
		7.5	—	1.000	0.988	0.964	0.939	0.913
		5	1.008	1.000	0.988	0.964	0.939	0.913
	Indoor unit is lower than outdoor unit *2	0	1.008	1.000	0.988	0.964	0.939	0.913
		-5	1.003	0.995	0.983	0.959	0.934	0.908
		-7.5	—	0.993	0.981	0.957	0.932	0.907
		-10	—	—	0.978	0.954	0.930	0.904
		-15	—	—	—	0.950	0.925	0.899

8. Additional charge calculation

8-1. Models: AOYG18LAT3 and AOYG24LAT3

Refrigerant type		R410A
Refrigerant amount	g	2,200

■ Refrigerant charge

Total pipe length	m	30 or less	40	50 (Max.)	20 g/m
Additional charge	g	0	200	400	

9. Airflow

9-1. Model: AOYG18LAT3

● Cooling

m ³ /h	3,050
l/s	847
CFM	1,795

● Heating

m ³ /h	2,750
l/s	764
CFM	1,618

9-2. Model: AOYG24LAT3

● Cooling

m ³ /h	3,300
l/s	917
CFM	1,942

● Heating

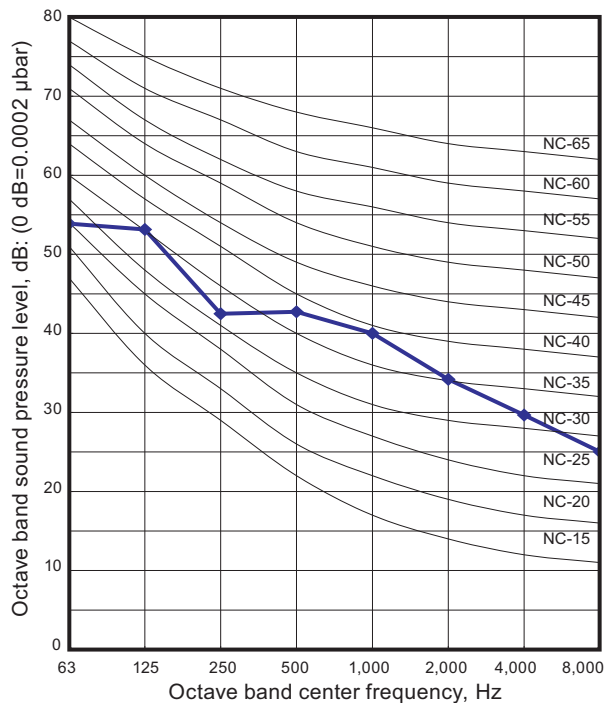
m ³ /h	3,300
l/s	917
CFM	1,942

10. Operation noise (sound pressure)

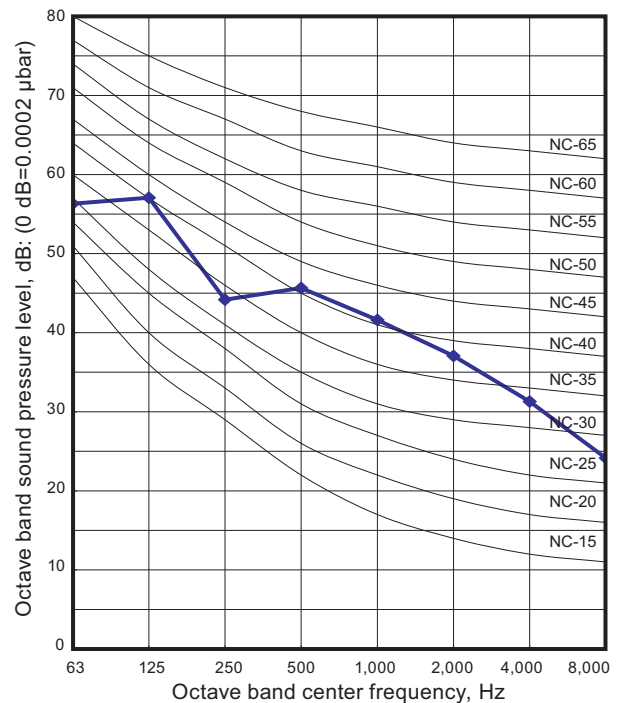
10-1. Noise level curve

■ Model: AOYG18LAT3

● Cooling

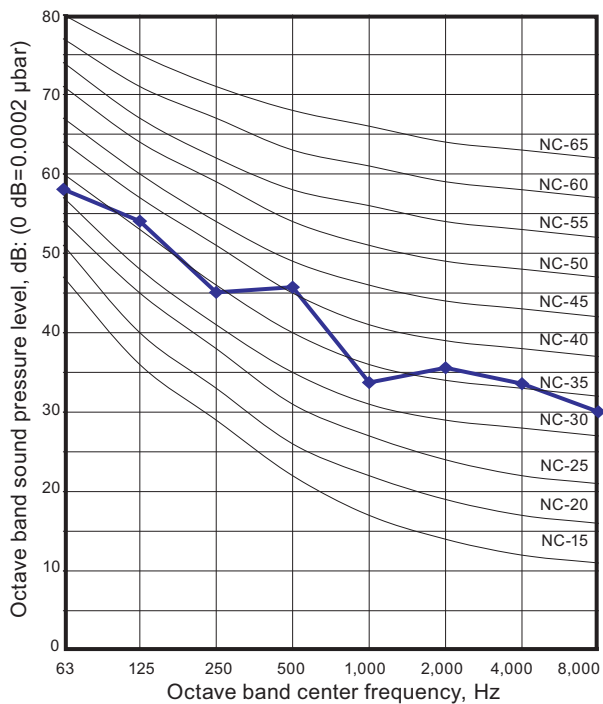


● Heating

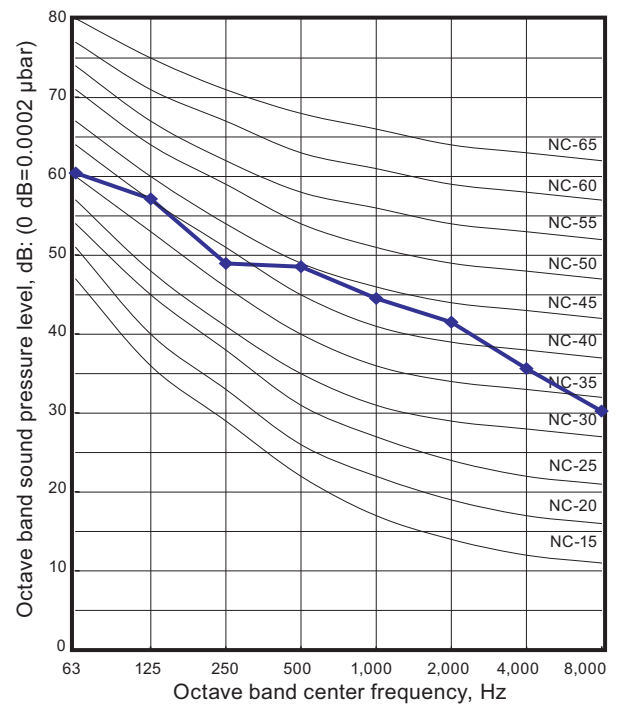


■ Model: AOYG24LAT3

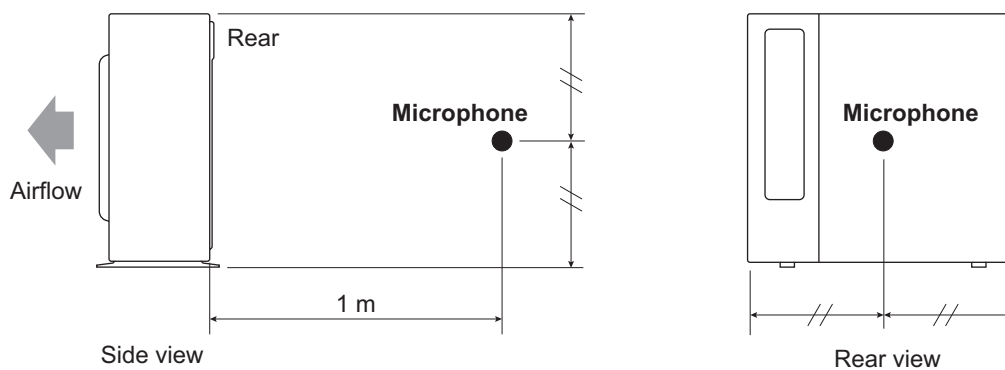
● Cooling



● Heating



10-2. Sound level check point



NOTE: Detailed shape of the actual outdoor unit might be slightly different from the one illustrated above.

11. Electrical characteristics

Model name			AOYG18LAT3	AOYG24LAT3
Power supply	Voltage	V	230 ~	
	Frequency	Hz	50	
Maximum operating current * ¹		A	9.0	12.5
Starting current		A	7.1	8.8
Wiring spec. * ²	Main fuse (Circuit breaker) current	A	25	
	Power cable	mm ²	4.0	
	Limited wiring length * ³	m	15	

*¹: Maximum current is the total current of the indoor unit and the outdoor unit.

*²: Selected sample based on Japan Electrotechnical Standards and Codes Committee E0005.
As the regulations of wire size and circuit breaker differ in each country or region, select appropriate devices complied to the regional standard.

*³: This is the wiring length in case voltage descent is less than 2%. When the wiring length becomes longer, select the wiring of a more larger diameter.

12. Safety devices

Type of protection	Protection form		Model	
			AOYG18LAT3	AOYG24LAT3
Circuit protection	Current fuse (Main PCB)		250 V, 5 A 250 V, 3.15 A	
	Current fuse (Near the terminal to power supply)		250 V, 25 A	
	Current fuse (Near the terminal to indoor unit)		250 V, 10 A	
Fan motor protection	Temperature thermistor	Activate	130 ±20 °C Fan motor stop	
		Reset	100 ±20 °C Fan motor restart	
Compressor protection	Temperature thermistor	Activate	110 °C Compressor stop	
		Reset	80 °C Compressor restart	
High pressure protection	Pressure switch 1	Activate	4.2 ±0.1 MPa	
		Reset	3.2 ±0.15 MPa	

*Pressure switch 2: For control device. (Refer to the wiring diagram.)

13. Accessories

Part name	Exterior	Q'ty	Part name	Exterior	Q'ty
Installation manual		1	Putty		1
Drain pipe		1	Adapter, 12.7 (1/2)→9.52 (3/8) [mm (in)]		1
Drain cap		2			

14. Outdoor unit installation precautions

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

14-1. Place where prohibited for use

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

14-2. Points to remember when installing

- The product shall be installed at a place which can withstand the weight and vibration of the outdoor unit.
- To allow maintenance after refrigerant piping, drain piping, and electric wiring connection and installation, provide an installation service space.
*Installation service space is shown in ["Installation space"](#) on page 323.
- Be careful when installing the set at the following places.

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