

AIR CONDITIONER

Multi: 2 rooms type

DESIGN & TECHNICAL MANUAL

OUTDOOR



AOYG14KBTA2



AOYG18KBTA2

FUJITSU GENERAL LIMITED

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Part 2. OUTDOOR UNIT (2 ROOMS TYPE)

**MULTI TYPE:
AOYG14KBTA2
AOYG18KBTA2**

1. Specifications

Type				Inverter heat pump	
Model name				AOYG14KBT A2	AOYG18KBT A2
Power source				230 V 50 Hz	
Available voltage range				198—264V	
Standard combination of indoor unit				Wall mounted ASYG07KGT B ×2	Wall mounted ASYG09KGT B ×2
Capacity	Cooling	Rated	kW	4.0	5.0
			Btu/h	13,600	17,100
		Min.—Max.	kW	1.4—4.6	1.7—5.8
			Btu/h	4,700—15,700	5,800—19,800
	Heating	Rated	kW	4.4	5.6
			Btu/h	15,000	19,100
		Min.—Max.	kW	1.1—5.5	1.8—6.6
			Btu/h	3,700—18,800	6,100—22,500
Input power	Cooling	Rated	kW	0.97	1.24
				Max.	1.20
	Heating	Rated		0.95	1.22
				Max.	1.65
Current	Cooling	Rated	A	4.7	5.6
	Heating	Rated		4.7	5.6
EER	Cooling			4.12	4.03
COP	Heating			4.63	4.59
Starting current			A	4.7	5.6
Maximum operating current *1			A	10.9	11.6
Fan	Type × Q'ty		Propeller × 1		
	Airflow rate	Cooling	m³/h	1,670	1,960
		Heating		1,670	2,020
	Motor output		W	23	49
Sound pressure level *2	Cooling		dB (A)	47	47
	Heating			49	50
Heat exchanger	Dimension (H × W × D)		mm	504 × 881 × 18.19	588 × 881 × 18.19
	504 × 851 × 18.19			588 × 851 × 18.19	
	Fin pitch			1.3	
	Rows × Stages			2 × 24	
	Pipe type (Material)			Copper tube	
	Fin type (Material)			Aluminum	
Compressor	Type × Quantity			DC rotary × 1	DC twin rotary × 2
	Motor output	W		900	900
Refrigerant	Type			R32 (675)	
	Charge	g		900	1,020
Refrigerant oil	Type			RB68A	FW68S
	Amount	cm³		340	350
Enclosure	Material			Steel sheet	
	Color			Beige (Approximate color of Munsell 10YR 7.5/1.0 NN)	
Dimensions (H × W × D)	Net	mm		542 × 799 × 290	632 × 799 × 290
	Gross			602 × 940 × 375	692 × 940 × 375
Weight	Net	kg		33	37
	Gross			37	41
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4) × 2	
		Gas		Ø9.52 (Ø3/8) × 2	
	Method			Flare	
	Pre-charge length (Total)			20	
	Maximum length (Total)			30	
	Maximum length (Each)			20	
	Minimum length (Total)			5	
	Minimum length (Each)			2.5	
	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 27.0 °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: Maximum operating current is the total current of the indoor unit and the outdoor unit.
- *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.
- For other combination, refer to the combination table.
- The protective function might work when using it outside the operation range.

Specifications for ErP Lot10					
Model name			AOYG14KBTA2		AOYG18KBTA2
Energy efficiency class	Cooling		A+++		
	Heating (Average)		A++		
Pdesign	Cooling	kW	4.0 (35 °C)	5.0 (35 °C)	
	Heating (Average)		3.5 (-10 °C)	4.2 (-10 °C)	
SEER	Cooling	kWh/kWh	8.70	8.60	
SCOP	Heating (Average)		4.70	4.70	
Annual energy consumption	QCE	kWh/a	209	263	
	QHE (Average)		1,296	1,434	
Sound power level	Cooling	HIGH	dB (A)	60	
	Heating			62	

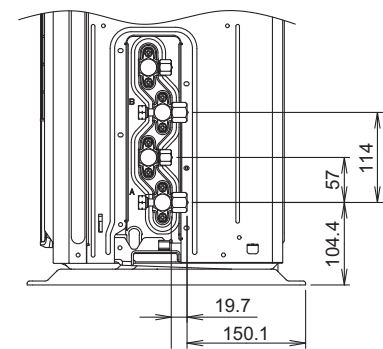
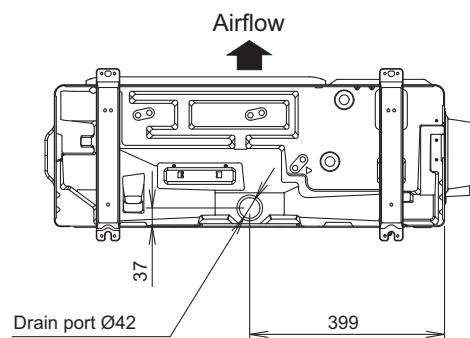
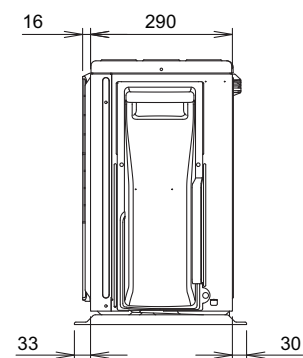
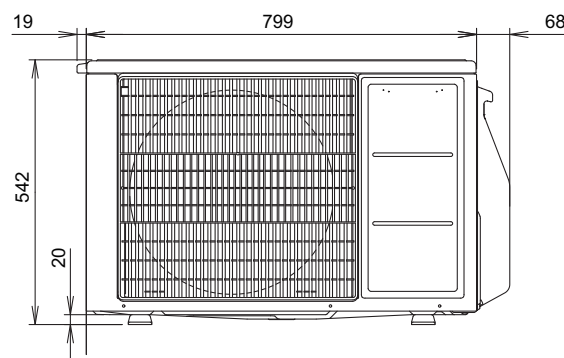
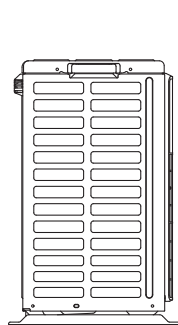
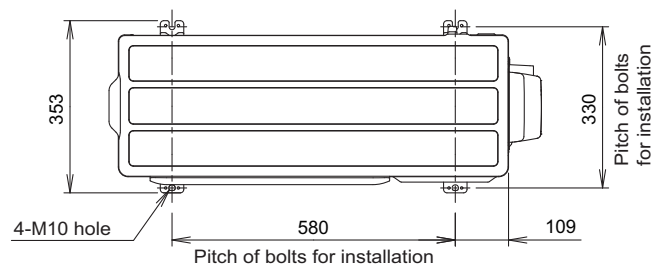
OUTDOOR UNIT
AOYG14-18KBTA2

OUTDOOR UNIT
AOYG14-18KBTA2

2. Dimensions

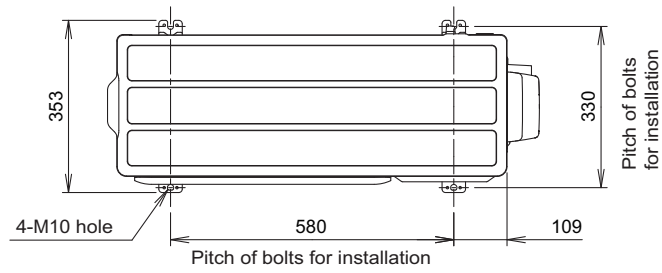
2-1. Model: AOYG14KBTA2

Unit: mm

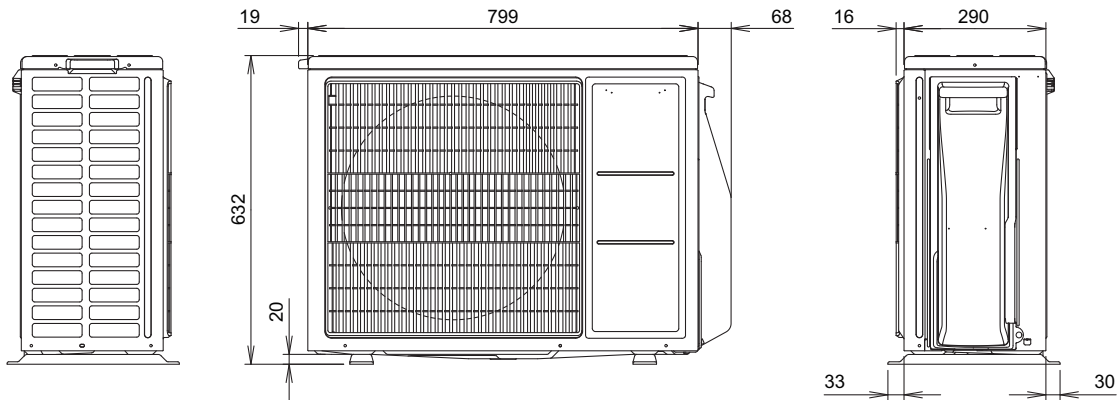


2-2. Model: AOYG18KBTA2

Unit: mm

OUTDOOR UNIT
AOYG14-18KBTA2OUTDOOR UNIT
AOYG14-18KBTA2

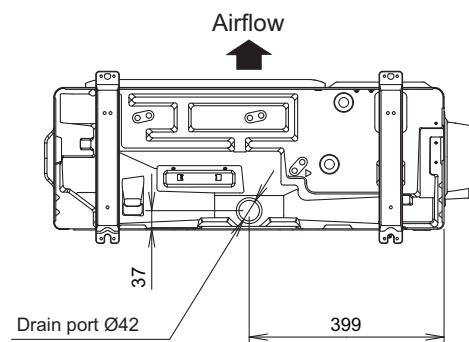
Top view



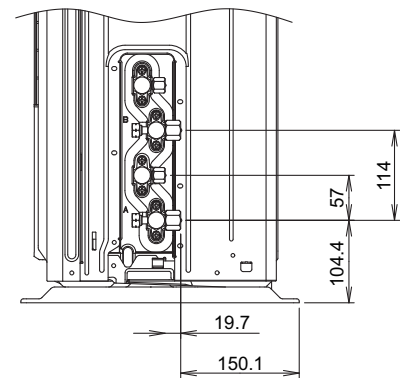
Side view

Front view

Side view



Bottom view



Side view (Valve part)

3. Installation space

3-1. Models: AOYG14KBTA2 and AOYG18KBTA2

■ Space requirement

Provide sufficient installation space for product safety.

⚠ CAUTION

Keep the space shown in the installation examples.

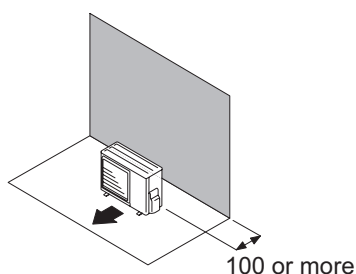
If the installation is not performed accordingly, it could cause a short circuit and result in a lack of operating performance.

● Single outdoor unit installation

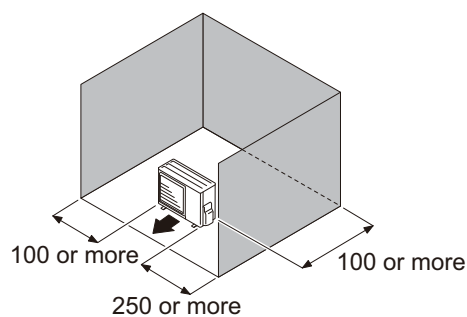
- When the upper space is open:

Unit: mm

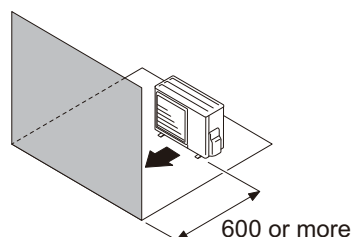
Obstacles at rear only



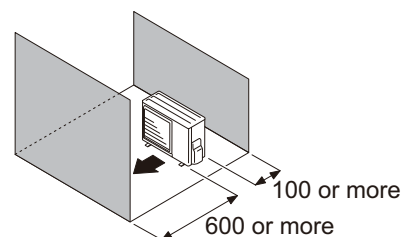
Obstacles at rear and sides



Obstacles at front



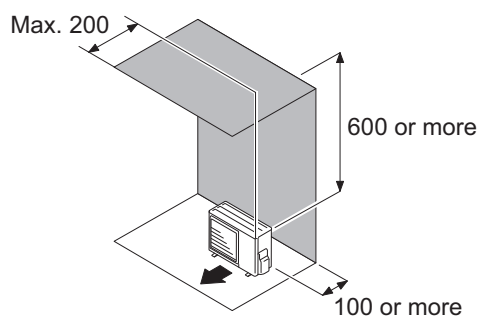
Obstacles at front and rear



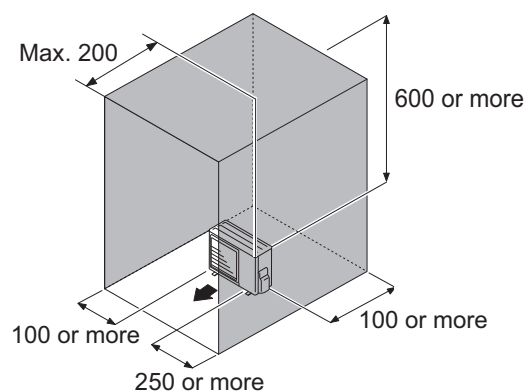
- When there is an obstruction in the upper space:

Unit: mm

Obstacles at rear and above



Obstacles at rear, sides, and above



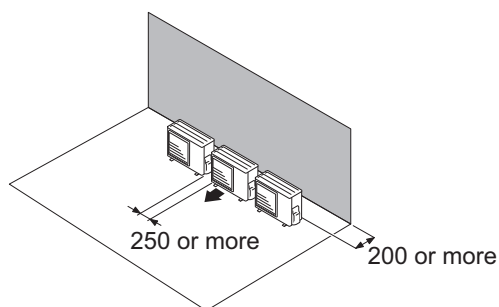
● Multiple outdoor unit installation

- Provide at least 250 mm of space between the outdoor units if multiple units are installed.
- When routing the piping from the side of an outdoor unit, provide space for piping.
- No more than 3 units must be installed side by side.
When 3 units or more are arranged in a line, provide the space as shown in the following example **“When an obstruction in the upper space:”**.

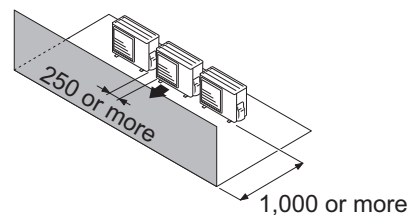
- **When the upper space is open:**

Unit: mm

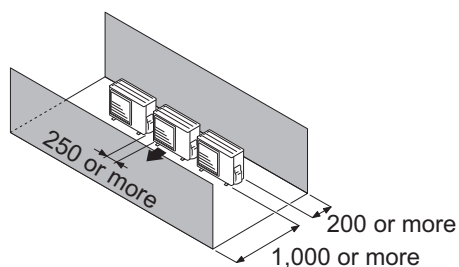
Obstacles at rear only



Obstacles at front only



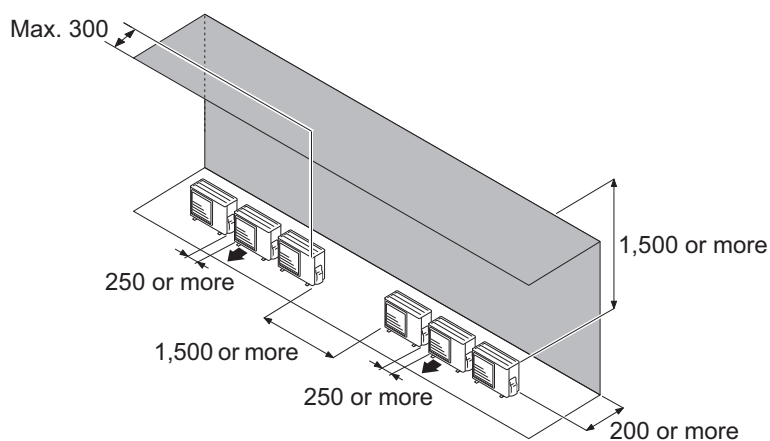
Obstacles at front and rear



- **When an obstruction in the upper space:**

Unit: mm

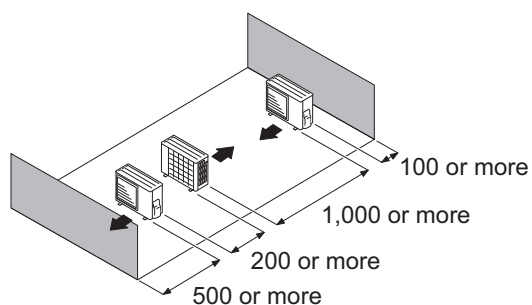
Obstacles at rear and above.



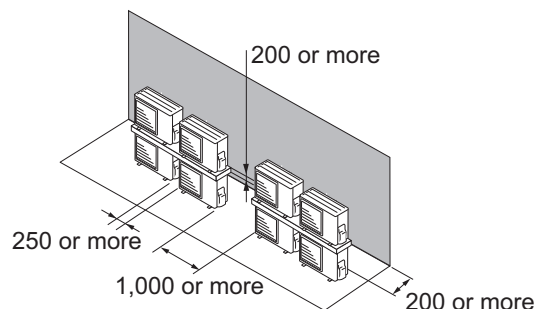
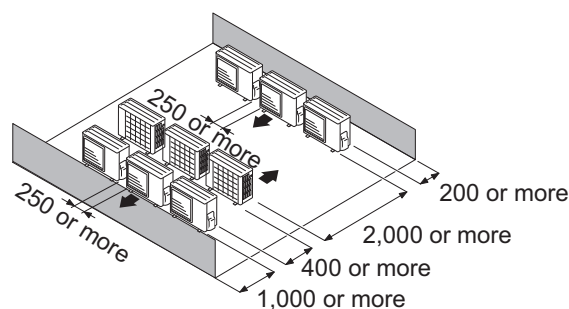
● Outdoor units installation in multi-row

Unit: mm

Single parallel unit arrangement



Multiple parallel unit arrangement

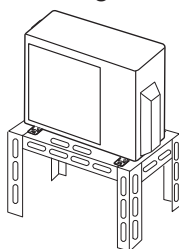


NOTES:

- If the space is larger than stated above, the condition will be the same as when there is no obstacle.
- 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.

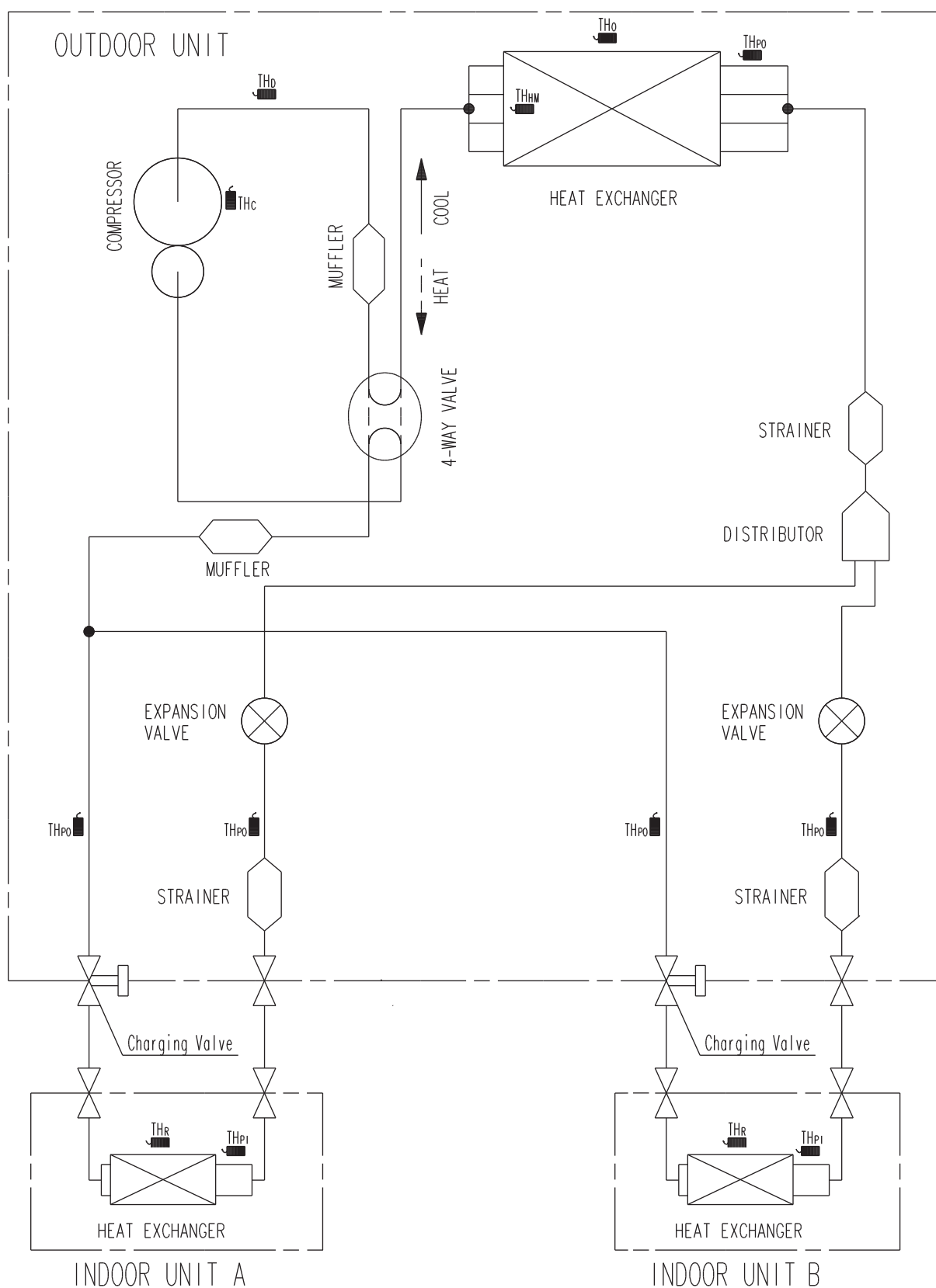


4. Refrigerant circuit

4-1. Model: AOYG14KBTA2

OUTDOOR UNIT
AOYG14-18KBTA2

OUTDOOR UNIT
AOYG14-18KBTA2



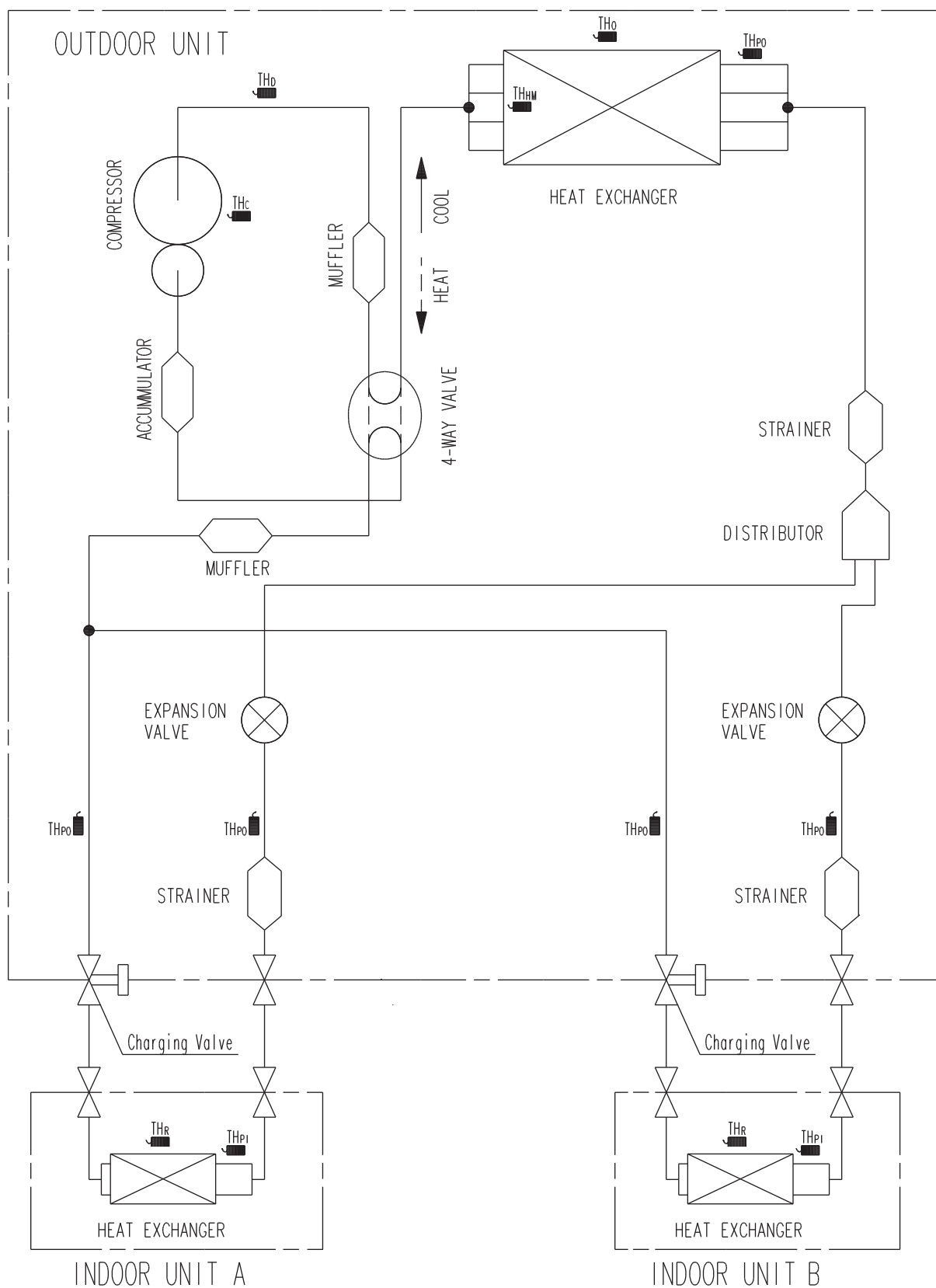
TH_c : THERMISTOR(DISCHARGE TEMP.)
 TH_o : THERMISTOR(OUTDOOR TEMP.)
 TH_{pO} : THERMISTOR(PIPE TEMP.)
 TH_{Hw} : THERMISTOR(HEAT EXCHANGER MIDDLE TEMP.)
 TH_c : THERMISTOR(COMPRESSOR TEMP.)

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

4-2. Model: AOYG18KBTA2

OUTDOOR UNIT
AOYG14-18KBTA2

OUTDOOR UNIT
AOYG14-18KBTA2

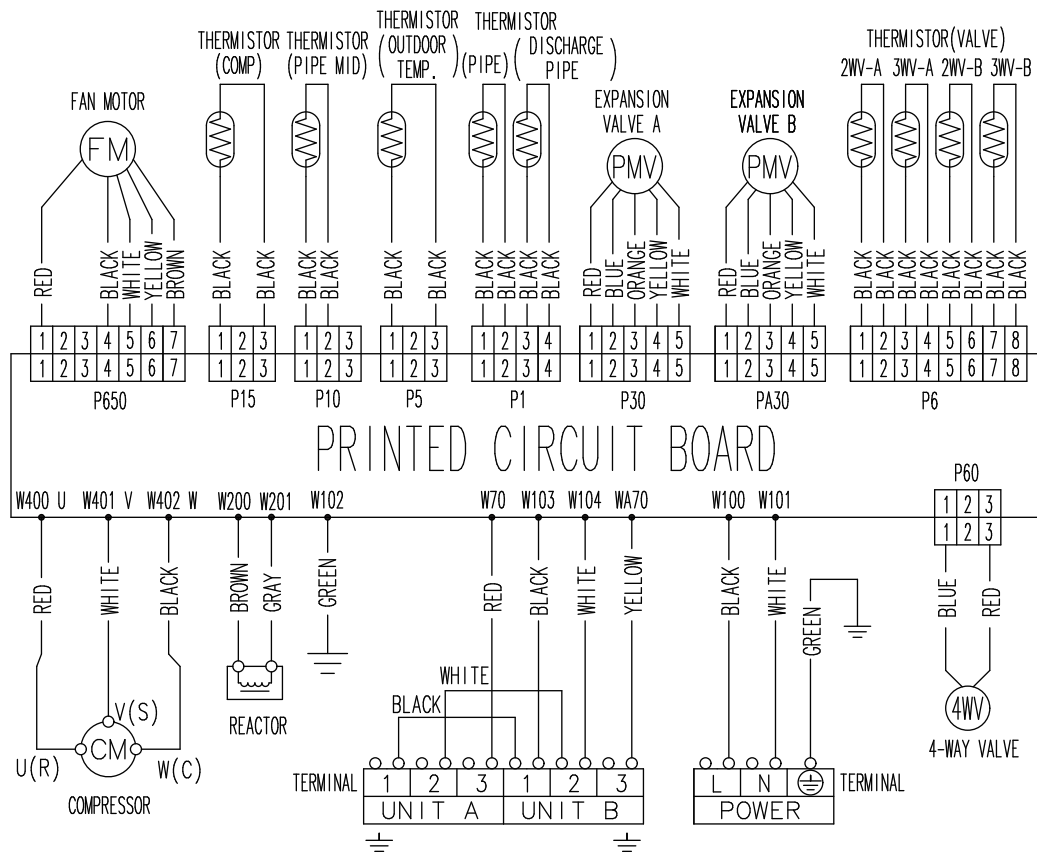


THo: THERMISTOR(DISCHARGE TEMP.)
 THo: THERMISTOR(OUTDOOR TEMP.)
 THp: THERMISTOR(PIPE TEMP.)
 THm: THERMISTOR(HEAT EXCHANGER MIDDLE TEMP.)

THr: THERMISTOR(ROOM TEMP.)
 THpi: THERMISTOR(PIPE TEMP.)
 THc: THERMISTOR(COMPRESSOR TEMP.)

5. Wiring diagram

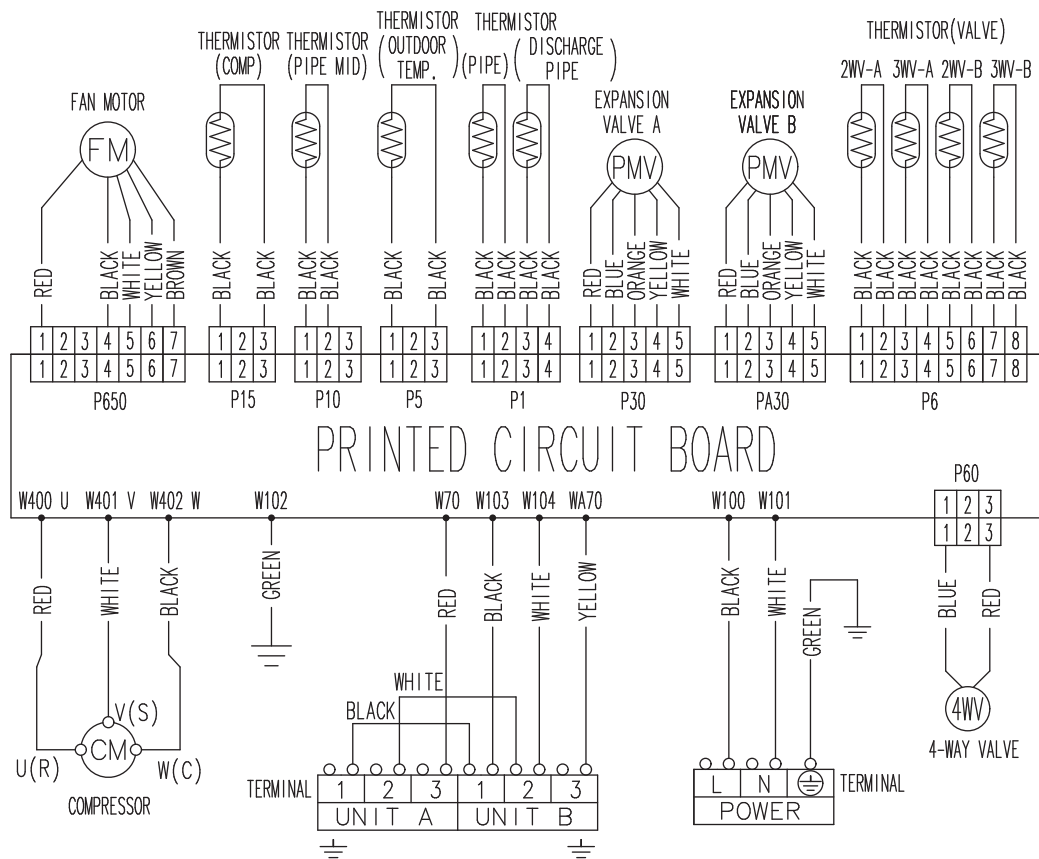
5-1. Model: AOYG14KBTA2



**OUTDOOR UNIT
AOYG14-18KBTA2**

5-2. Model: AOYG18KBTA2

OUTDOOR UNIT
AOYG14-18KBTA2



OUTDOOR UNIT
AOYG14-18KBTA2

6. Capacity table

6-1. Combinations

■ Model: AOYG14KBTA2

● 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	4.6	0.25	0.97	1.20	4.12	4.0	8.7	A+++	
7	9	16	1.75	2.25	1.4	4.00	4.6	0.25	0.97	1.20	4.12	4.0	8.7	A+++	
7	12	19	1.47	2.53	1.4	4.00	4.6	0.25	0.97	1.20	4.12	4.0	8.7	A+++	
9	9	18	2.00	2.00	1.4	4.00	4.6	0.25	0.97	1.20	4.12	4.0	8.7	A+++	
9	12	21	1.71	2.29	1.4	4.00	4.6	0.25	0.97	1.20	4.12	4.0	8.7	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 KG models in 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 unit is from 14,000 Btu/h up to 21,000 Btu/h.

● 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	5.5	0.25	0.95	1.65	4.63	3.5	4.7	A++
7	9	16	1.92	2.48	1.1	4.40	5.5	0.25	0.95	1.65	4.63	3.5	4.7	A++
7	12	19	1.62	2.78	1.1	4.40	5.5	0.25	0.95	1.65	4.63	3.5	4.7	A++
9	9	18	2.20	2.20	1.1	4.40	5.5	0.25	0.95	1.65	4.63	3.5	4.7	A++
9	12	21	1.89	2.51	1.1	4.40	5.5	0.25	0.95	1.65	4.63	3.5	4.7	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 KG models in 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 unit is from 14,000 Btu/h up to 21,000 Btu/h.

Model: AOYG18KBTA2

● 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	1.7	4.00	5.0	0.25	0.92	1.23	4.35	4.0	8.8	A+++
7	9	16	2.00	2.50	1.7	4.50	5.7	0.25	1.07	1.45	4.22	4.5	8.7	A+++
7	12	19	1.84	3.16	1.7	5.00	5.8	0.25	1.24	1.55	4.03	5.0	8.6	A+++
7	14	21	1.67	3.33	1.7	5.00	5.8	0.25	1.24	1.55	4.03	5.0	8.6	A+++
9	9	18	2.50	2.50	1.7	5.00	5.8	0.25	1.24	1.55	4.03	5.0	8.6	A+++
9	12	21	2.14	2.86	1.7	5.00	5.8	0.25	1.24	1.55	4.03	5.0	8.6	A+++
9	14	23	1.96	3.04	1.7	5.00	5.8	0.25	1.24	1.55	4.03	5.0	8.6	A+++
12	12	24	2.50	2.50	1.7	5.00	5.8	0.25	1.24	1.55	4.03	5.0	8.6	A+++
12	14	26	2.31	2.69	1.7	5.00	5.8	0.25	1.24	1.55	4.03	5.0	8.6	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 KG models in 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/h up to 26,000 Btu/h.

● 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	2.40	2.40	1.70	4.80	5.60	0.25	0.99	1.35	4.85	3.8	4.7	A++
7	9	16	2.40	3.00	1.70	5.40	6.40	0.25	1.15	1.60	4.70	4.0	4.7	A++
7	12	19	2.06	3.54	1.70	5.60	7.00	0.25	1.22	1.80	4.59	4.2	4.7	A++
7	14	21	1.87	3.73	1.70	5.60	7.00	0.25	1.22	1.80	4.59	4.2	4.7	A++
9	9	18	2.80	2.80	1.70	5.60	7.00	0.25	1.22	1.80	4.59	4.2	4.7	A++
9	12	21	2.40	3.20	1.70	5.60	7.00	0.25	1.22	1.80	4.59	4.2	4.7	A++
9	14	23	2.19	3.41	1.70	5.60	7.00	0.25	1.22	1.80	4.59	4.2	4.7	A++
12	12	24	2.80	2.80	1.70	5.60	7.00	0.25	1.22	1.80	4.59	4.2	4.7	A++
12	14	26	2.58	3.02	1.70	5.60	7.00	0.25	1.22	1.80	4.59	4.2	4.7	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 KG models in 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/h up to 26,000 Btu/h.

6-2. Cooling capacity

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

Model: AOYG14KBT2A2

Indoor unit connect- ing capacity	Outdoor temperature	Indoor temperature											
		18.0 °CDB		21.0 °CDB		23.0 °CDB		27.0 °CDB		29.0 °CDB		32.0 °CDB	
		12.0 °CWB		15.0 °CWB		16.0 °CWB		19.0 °CWB		21.0 °CWB		23.0 °CWB	
kBtu/h	°CDB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
21	-10.0	3.60	0.63	4.10	0.64	4.30	0.64	4.60	0.65	4.90	0.66	5.10	0.66
	0.0	3.60	0.28	4.10	0.28	4.30	0.28	4.60	0.29	4.90	0.29	5.10	0.29
	5.0	3.60	0.45	4.10	0.46	4.30	0.46	4.60	0.47	4.90	0.47	5.10	0.47
	10.0	3.60	0.38	4.10	0.38	4.30	0.38	4.60	0.39	4.90	0.39	5.10	0.40
	15.0	3.60	0.50	4.10	0.51	4.30	0.51	4.60	0.52	4.90	0.52	5.10	0.53
	20.0	3.60	0.59	4.10	0.60	4.30	0.61	4.60	0.62	4.90	0.62	5.10	0.63
	25.0	3.60	0.76	4.10	0.78	4.30	0.78	4.60	0.79	4.90	0.80	5.10	0.81
	30.0	3.60	0.91	4.10	0.93	4.30	0.94	4.60	0.95	4.90	0.96	5.10	0.96
	35.0	3.60	1.21	4.10	1.23	4.30	1.24	4.60	1.25	4.90	1.26	5.10	1.27
	40.0	3.10	1.00	3.50	1.02	3.70	1.03	4.00	1.04	4.30	1.05	4.40	1.06
19	46.0	2.70	1.01	3.10	1.03	3.20	1.04	3.50	1.05	3.70	1.06	3.80	1.07
	-10.0	3.60	0.63	4.10	0.64	4.30	0.64	4.60	0.65	4.90	0.66	5.10	0.66
	0.0	3.60	0.28	4.10	0.28	4.30	0.28	4.60	0.29	4.90	0.29	5.10	0.29
	5.0	3.60	0.45	4.10	0.46	4.30	0.46	4.60	0.47	4.90	0.47	5.10	0.47
	10.0	3.60	0.38	4.10	0.38	4.30	0.38	4.60	0.39	4.90	0.39	5.10	0.40
	15.0	3.60	0.50	4.10	0.51	4.30	0.51	4.60	0.52	4.90	0.52	5.10	0.53
	20.0	3.60	0.59	4.10	0.60	4.30	0.61	4.60	0.62	4.90	0.62	5.10	0.63
	25.0	3.60	0.76	4.10	0.78	4.30	0.78	4.60	0.79	4.90	0.80	5.10	0.81
	30.0	3.60	0.91	4.10	0.93	4.30	0.94	4.60	0.95	4.90	0.96	5.10	0.96
	35.0	3.60	1.21	4.10	1.23	4.30	1.24	4.60	1.25	4.90	1.26	5.10	1.27
18	40.0	3.10	1.00	3.50	1.02	3.70	1.03	4.00	1.04	4.30	1.05	4.40	1.06
	46.0	2.70	1.01	3.10	1.03	3.20	1.04	3.50	1.05	3.70	1.06	3.80	1.07
	-10.0	3.60	0.63	4.10	0.64	4.30	0.64	4.60	0.65	4.90	0.66	5.10	0.66
	0.0	3.60	0.28	4.10	0.28	4.30	0.28	4.60	0.29	4.90	0.29	5.10	0.29
	5.0	3.60	0.45	4.10	0.46	4.30	0.46	4.60	0.47	4.90	0.47	5.10	0.47
	10.0	3.60	0.38	4.10	0.38	4.30	0.38	4.60	0.39	4.90	0.39	5.10	0.40
	15.0	3.60	0.50	4.10	0.51	4.30	0.51	4.60	0.52	4.90	0.52	5.10	0.53
	20.0	3.60	0.59	4.10	0.60	4.30	0.61	4.60	0.62	4.90	0.62	5.10	0.63
	25.0	3.60	0.76	4.10	0.78	4.30	0.78	4.60	0.79	4.90	0.80	5.10	0.81
	30.0	3.60	0.91	4.10	0.93	4.30	0.94	4.60	0.95	4.90	0.96	5.10	0.96
16	35.0	3.60	1.21	4.10	1.23	4.30	1.24	4.60	1.25	4.90	1.26	5.10	1.27
	40.0	3.10	1.00	3.50	1.02	3.70	1.03	4.00	1.04	4.30	1.05	4.40	1.06
	46.0	2.70	1.01	3.10	1.03	3.20	1.04	3.50	1.05	3.70	1.06	3.80	1.07
	-10.0	3.60	0.63	4.10	0.64	4.30	0.64	4.60	0.65	4.90	0.66	5.10	0.66
	0.0	3.60	0.28	4.10	0.28	4.30	0.28	4.60	0.29	4.90	0.29	5.10	0.29
	5.0	3.60	0.45	4.10	0.46	4.30	0.46	4.60	0.47	4.90	0.47	5.10	0.47
	10.0	3.60	0.38	4.10	0.38	4.30	0.38	4.60	0.39	4.90	0.39	5.10	0.40
	15.0	3.60	0.50	4.10	0.51	4.30	0.51	4.60	0.52	4.90	0.52	5.10	0.53
	20.0	3.60	0.59	4.10	0.60	4.30	0.61	4.60	0.62	4.90	0.62	5.10	0.63
	25.0	3.60	0.76	4.10	0.78	4.30	0.78	4.60	0.79	4.90	0.80	5.10	0.81
14	30.0	3.60	0.91	4.10	0.93	4.30	0.94	4.60	0.95	4.90	0.96	5.10	0.96
	35.0	3.60	1.21	4.10	1.23	4.30	1.24	4.60	1.25	4.90	1.26	5.10	1.27
	40.0	3.10	1.00	3.50	1.02	3.70	1.03	4.00	1.04	4.30	1.05	4.40	1.06
	46.0	2.70	1.01	3.10	1.03	3.20	1.04	3.50	1.05	3.70	1.06	3.80	1.07
	-10.0	3.60	0.63	4.10	0.64	4.30	0.64	4.60	0.65	4.90	0.66	5.10	0.66
	0.0	3.60	0.28	4.10	0.28	4.30	0.28	4.60	0.29	4.90	0.29	5.10	0.29
	5.0	3.60	0.45	4.10	0.46	4.30	0.46	4.60	0.47	4.90	0.47	5.10	0.47
	10.0	3.60	0.38	4.10	0.38	4.30	0.38	4.60	0.39	4.90	0.39	5.10	0.40
	15.0	3.60	0.50	4.10	0.51	4.30	0.51	4.60	0.52	4.90	0.52	5.10	0.53
	20.0	3.60	0.59	4.10	0.60	4.30	0.61	4.60	0.62	4.90	0.62	5.10	0.63

NOTES:

- TC: Total Capacity (kW), IP: Input Power (kW)
- Values mentioned in the table are based on the following conditions:
 - Power source of specifications: 230 V
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- 2 or more indoor units should be connected.
- The total ability of connected indoor unit is from 14,000 Btu/h up to 21,000 Btu/h.
- Input in the table are calculated based on the maximum indoor unit input combinations.

● Compact cassette type

Model: AUXG07KVL A

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.80	1.22	2.04	1.39	2.15	1.60	2.30	1.79	2.46	1.96	2.53	2.25
0.0	1.80	1.22	2.04	1.39	2.15	1.60	2.30	1.79	2.46	1.96	2.53	2.25
5.0	1.80	1.22	2.04	1.39	2.15	1.60	2.30	1.79	2.46	1.96	2.53	2.25
10.0	1.80	1.22	2.04	1.39	2.15	1.60	2.30	1.79	2.46	1.96	2.53	2.25
15.0	1.80	1.22	2.04	1.39	2.15	1.60	2.30	1.79	2.46	1.96	2.53	2.25
20.0	1.80	1.22	2.04	1.39	2.15	1.60	2.30	1.79	2.46	1.96	2.53	2.25
25.0	1.80	1.22	2.04	1.39	2.15	1.60	2.30	1.79	2.46	1.96	2.53	2.25
30.0	1.80	1.22	2.04	1.39	2.15	1.60	2.30	1.79	2.46	1.96	2.53	2.25
35.0	1.80	1.22	2.04	1.39	2.15	1.60	2.30	1.79	2.46	1.96	2.53	2.25
40.0	1.57	0.92	1.77	1.05	1.87	1.20	2.00	1.35	2.13	1.48	2.20	1.69
46.0	1.36	0.69	1.54	0.79	1.62	0.91	1.74	1.02	1.86	1.12	1.91	1.28

Model: AUXG09KVL A

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
0.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
5.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
10.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
15.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
20.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
25.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
30.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
35.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
40.0	1.76	1.02	1.99	1.16	2.10	1.34	2.25	1.50	2.40	1.64	2.48	1.88
46.0	1.53	0.77	1.73	0.88	1.83	1.01	1.96	1.14	2.09	1.24	2.16	1.43

Model: AUXG12KVL A

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.28	1.50	2.58	1.71	2.72	1.97	2.91	2.21	3.11	2.42	3.21	2.77
0.0	2.28	1.50	2.58	1.71	2.72	1.97	2.91	2.21	3.11	2.42	3.21	2.77
5.0	2.28	1.50	2.58	1.71	2.72	1.97	2.91	2.21	3.11	2.42	3.21	2.77
10.0	2.28	1.50	2.58	1.71	2.72	1.97	2.91	2.21	3.11	2.42	3.21	2.77
15.0	2.28	1.50	2.58	1.71	2.72	1.97	2.91	2.21	3.11	2.42	3.21	2.77
20.0	2.28	1.50	2.58	1.71	2.72	1.97	2.91	2.21	3.11	2.42	3.21	2.77
25.0	2.28	1.50	2.58	1.71	2.72	1.97	2.91	2.21	3.11	2.42	3.21	2.77
30.0	2.28	1.50	2.58	1.71	2.72	1.97	2.91	2.21	3.11	2.42	3.21	2.77
35.0	2.28	1.50	2.58	1.71	2.72	1.97	2.91	2.21	3.11	2.42	3.21	2.77
40.0	1.98	1.13	2.24	1.29	2.36	1.48	2.53	1.67	2.70	1.82	2.78	2.09
46.0	1.72	0.86	1.95	0.97	2.05	1.12	2.20	1.26	2.35	1.38	2.42	1.58

NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

● Mini duct type

Model: ARXG07KSLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
0.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
5.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
10.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
15.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
20.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
25.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
30.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
35.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
40.0	1.57	0.94	1.77	1.07	1.87	1.23	2.00	1.39	2.13	1.52	2.20	1.74
46.0	1.36	0.71	1.54	0.81	1.62	0.93	1.74	1.05	1.86	1.15	1.91	1.31

Model: ARXG09KSLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.03	1.30	2.29	1.48	2.42	1.71	2.59	1.92	2.77	2.10	2.85	2.40
0.0	2.03	1.30	2.29	1.48	2.42	1.71	2.59	1.92	2.77	2.10	2.85	2.40
5.0	2.03	1.30	2.29	1.48	2.42	1.71	2.59	1.92	2.77	2.10	2.85	2.40
10.0	2.03	1.30	2.29	1.48	2.42	1.71	2.59	1.92	2.77	2.10	2.85	2.40
15.0	2.03	1.30	2.29	1.48	2.42	1.71	2.59	1.92	2.77	2.10	2.85	2.40
20.0	2.03	1.30	2.29	1.48	2.42	1.71	2.59	1.92	2.77	2.10	2.85	2.40
25.0	2.03	1.30	2.29	1.48	2.42	1.71	2.59	1.92	2.77	2.10	2.85	2.40
30.0	2.03	1.30	2.29	1.48	2.42	1.71	2.59	1.92	2.77	2.10	2.85	2.40
35.0	2.03	1.30	2.29	1.48	2.42	1.71	2.59	1.92	2.77	2.10	2.85	2.40
40.0	1.76	0.98	1.99	1.12	2.10	1.29	2.25	1.44	2.40	1.58	2.48	1.81
46.0	1.53	0.74	1.73	0.84	1.83	0.97	1.96	1.09	2.09	1.20	2.16	1.37

Model: ARXG12KSLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.28	1.46	2.58	1.66	2.72	1.92	2.91	2.15	3.11	2.36	3.21	2.70
0.0	2.28	1.46	2.58	1.66	2.72	1.92	2.91	2.15	3.11	2.36	3.21	2.70
5.0	2.28	1.46	2.58	1.66	2.72	1.92	2.91	2.15	3.11	2.36	3.21	2.70
10.0	2.28	1.46	2.58	1.66	2.72	1.92	2.91	2.15	3.11	2.36	3.21	2.70
15.0	2.28	1.46	2.58	1.66	2.72	1.92	2.91	2.15	3.11	2.36	3.21	2.70
20.0	2.28	1.46	2.58	1.66	2.72	1.92	2.91	2.15	3.11	2.36	3.21	2.70
25.0	2.28	1.46	2.58	1.66	2.72	1.92	2.91	2.15	3.11	2.36	3.21	2.70
30.0	2.28	1.46	2.58	1.66	2.72	1.92	2.91	2.15	3.11	2.36	3.21	2.70
35.0	2.28	1.46	2.58	1.66	2.72	1.92	2.91	2.15	3.11	2.36	3.21	2.70
40.0	1.98	1.10	2.24	1.25	2.36	1.44	2.53	1.62	2.70	1.78	2.78	2.03
46.0	1.72	0.83	1.95	0.95	2.05	1.09	2.20	1.23	2.35	1.34	2.42	1.54

NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]

● Slim duct type

Model: ARXG07KLLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
0.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
5.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
10.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
15.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
20.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
25.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
30.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
35.0	1.80	1.25	2.04	1.42	2.15	1.64	2.30	1.84	2.46	2.01	2.53	2.31
40.0	1.57	0.94	1.77	1.07	1.87	1.23	2.00	1.39	2.13	1.52	2.20	1.74
46.0	1.36	0.71	1.54	0.81	1.62	0.93	1.74	1.05	1.86	1.15	1.91	1.31

Model: ARXG09KLLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
0.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
5.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
10.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
15.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
20.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
25.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
30.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
35.0	2.03	1.35	2.29	1.54	2.42	1.78	2.59	1.99	2.77	2.18	2.85	2.50
40.0	1.76	1.02	1.99	1.16	2.10	1.34	2.25	1.50	2.40	1.64	2.48	1.88
46.0	1.53	0.77	1.73	0.88	1.83	1.01	1.96	1.14	2.09	1.24	2.16	1.43

Model: ARXG12KLLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.28	1.54	2.58	1.75	2.72	2.02	2.91	2.27	3.11	2.48	3.21	2.84
0.0	2.28	1.54	2.58	1.75	2.72	2.02	2.91	2.27	3.11	2.48	3.21	2.84
5.0	2.28	1.54	2.58	1.75	2.72	2.02	2.91	2.27	3.11	2.48	3.21	2.84
10.0	2.28	1.54	2.58	1.75	2.72	2.02	2.91	2.27	3.11	2.48	3.21	2.84
15.0	2.28	1.54	2.58	1.75	2.72	2.02	2.91	2.27	3.11	2.48	3.21	2.84
20.0	2.28	1.54	2.58	1.75	2.72	2.02	2.91	2.27	3.11	2.48	3.21	2.84
25.0	2.28	1.54	2.58	1.75	2.72	2.02	2.91	2.27	3.11	2.48	3.21	2.84
30.0	2.28	1.54	2.58	1.75	2.72	2.02	2.91	2.27	3.11	2.48	3.21	2.84
35.0	2.28	1.54	2.58	1.75	2.72	2.02	2.91	2.27	3.11	2.48	3.21	2.84
40.0	1.98	1.16	2.24	1.32	2.36	1.52	2.53	1.71	2.70	1.87	2.78	2.14
46.0	1.72	0.88	1.95	1.00	2.05	1.15	2.20	1.29	2.35	1.42	2.42	1.62

NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

● Wall mounted type

Model: ASYG07KGTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
0.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
5.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
10.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
15.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
20.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
25.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
30.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
35.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
40.0	1.57	0.76	1.77	0.87	1.87	1.00	2.00	1.13	2.13	1.23	2.20	1.41
46.0	1.36	0.58	1.54	0.66	1.62	0.76	1.74	0.85	1.86	0.93	1.91	1.07

Model: ASYG09KGTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
0.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
5.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
10.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
15.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
20.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
25.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
30.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
35.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
40.0	1.76	0.86	1.99	0.98	2.10	1.13	2.25	1.27	2.40	1.39	2.48	1.59
46.0	1.53	0.65	1.73	0.74	1.83	0.85	1.96	0.96	2.09	1.05	2.16	1.20

Model: ASYG12KGTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
0.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
5.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
10.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
15.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
20.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
25.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
30.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
35.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
40.0	1.98	0.97	2.24	1.10	2.36	1.27	2.53	1.43	2.70	1.56	2.78	1.79
46.0	1.72	0.73	1.95	0.83	2.05	0.96	2.20	1.08	2.35	1.18	2.42	1.35

Model: ASYG07KMTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
0.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
5.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
10.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
15.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
20.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
25.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
30.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
35.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
40.0	1.57	0.76	1.77	0.87	1.87	1.00	2.00	1.13	2.13	1.23	2.20	1.41
46.0	1.36	0.58	1.54	0.66	1.62	0.76	1.74	0.85	1.86	0.93	1.91	1.07

Model: ASYG09KMTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
0.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
5.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
10.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
15.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
20.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
25.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
30.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
35.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
40.0	1.76	0.86	1.99	0.98	2.10	1.13	2.25	1.27	2.40	1.39	2.48	1.59
46.0	1.53	0.65	1.73	0.74	1.83	0.85	1.96	0.96	2.09	1.05	2.16	1.20

Model: ASYG12KMTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
0.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
5.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
10.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
15.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
20.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
25.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
30.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
35.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
40.0	1.98	0.97	2.24	1.10	2.36	1.27	2.53	1.43	2.70	1.56	2.78	1.79
46.0	1.72	0.73	1.95	0.83	2.05	0.96	2.20	1.08	2.35	1.18	2.42	1.35

Model: ASYG07KETA, ASYG07KETA-B

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
0.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
5.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
10.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
15.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
20.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
25.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
30.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
35.0	1.80	1.01	2.04	1.16	2.15	1.33	2.30	1.50	2.46	1.64	2.53	1.87
40.0	1.57	0.76	1.77	0.87	1.87	1.00	2.00	1.13	2.13	1.23	2.20	1.41
46.0	1.36	0.58	1.54	0.66	1.62	0.76	1.74	0.85	1.86	0.93	1.91	1.07

Model: ASYG09KETA, ASYG09KETA-B

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
0.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
5.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
10.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
15.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
20.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
25.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
30.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
35.0	2.03	1.14	2.29	1.30	2.42	1.50	2.59	1.68	2.77	1.84	2.85	2.11
40.0	1.76	0.86	1.99	0.98	2.10	1.13	2.25	1.27	2.40	1.39	2.48	1.59
46.0	1.53	0.65	1.73	0.74	1.83	0.85	1.96	0.96	2.09	1.05	2.16	1.20

Model: ASYG12KETA, ASYG12KETA-B

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
0.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
5.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
10.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
15.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
20.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
25.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
30.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
35.0	2.28	1.28	2.58	1.46	2.72	1.68	2.91	1.89	3.11	2.07	3.21	2.37
40.0	1.98	0.97	2.24	1.10	2.36	1.27	2.53	1.43	2.70	1.56	2.78	1.79
46.0	1.72	0.73	1.95	0.83	2.05	0.96	2.20	1.08	2.35	1.18	2.42	1.35

NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

Model: AOYG18KBTA2

OUTDOOR UNIT
AOYG14-18KBTA2

OUTDOOR UNIT
AOYG14-18KBTA2

Indoor unit connect- ing capacity	Outdoor temperature	Indoor temperature											
		18.0 °CDB		21.0 °CDB		23.0 °CDB		27.0 °CDB		29.0 °CDB		32.0 °CDB	
		12.0 °CWB		15.0 °CWB		16.0 °CWB		19.0 °CWB		21.0 °CWB		23.0 °CWB	
kBtu/h	°CDB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
26	-10.0	4.5	0.80	5.1	0.81	5.4	0.82	5.8	0.83	6.2	0.84	6.4	0.84
	0.0	4.5	1.04	5.1	1.05	5.4	1.06	5.8	1.07	6.2	1.09	6.4	1.09
	5.0	4.5	0.88	5.1	0.90	5.4	0.90	5.8	0.91	6.2	0.92	6.4	0.93
	10.0	4.5	0.48	5.1	0.49	5.4	0.50	5.8	0.50	6.2	0.51	6.4	0.51
	15.0	4.5	0.64	5.1	0.65	5.4	0.66	5.8	0.67	6.2	0.67	6.4	0.68
	20.0	4.5	0.85	5.1	0.86	5.4	0.87	5.8	0.88	6.2	0.89	6.4	0.89
	25.0	4.5	1.05	5.1	1.07	5.4	1.08	5.8	1.09	6.2	1.10	6.4	1.11
	30.0	4.5	1.22	5.1	1.24	5.4	1.25	5.8	1.27	6.2	1.28	6.4	1.29
	35.0	4.5	1.57	5.1	1.60	5.4	1.61	5.8	1.63	6.2	1.65	6.4	1.66
24	40.0	3.6	1.28	4.0	1.30	4.3	1.31	4.6	1.32	4.9	1.34	5.0	1.35
	46.0	2.6	0.99	2.9	1.00	3.1	1.01	3.3	1.02	3.6	1.03	3.7	1.04
	-10.0	4.5	0.80	5.1	0.81	5.4	0.82	5.8	0.83	6.2	0.84	6.4	0.84
	0.0	4.5	1.04	5.1	1.05	5.4	1.06	5.8	1.07	6.2	1.09	6.4	1.09
	5.0	4.5	0.88	5.1	0.90	5.4	0.90	5.8	0.91	6.2	0.92	6.4	0.93
	10.0	4.5	0.48	5.1	0.49	5.4	0.50	5.8	0.50	6.2	0.51	6.4	0.51
	15.0	4.5	0.64	5.1	0.65	5.4	0.66	5.8	0.67	6.2	0.67	6.4	0.68
	20.0	4.5	0.85	5.1	0.86	5.4	0.87	5.8	0.88	6.2	0.89	6.4	0.89
	25.0	4.5	1.05	5.1	1.07	5.4	1.08	5.8	1.09	6.2	1.10	6.4	1.11
23	30.0	4.5	1.22	5.1	1.24	5.4	1.25	5.8	1.27	6.2	1.28	6.4	1.29
	35.0	4.5	1.57	5.1	1.60	5.4	1.61	5.8	1.63	6.2	1.65	6.4	1.66
	40.0	3.6	1.28	4.0	1.30	4.3	1.31	4.6	1.32	4.9	1.34	5.0	1.35
	46.0	2.6	0.99	2.9	1.00	3.1	1.01	3.3	1.02	3.6	1.03	3.7	1.04
	-10.0	4.5	0.80	5.1	0.81	5.4	0.82	5.8	0.83	6.2	0.84	6.4	0.84
	0.0	4.5	1.04	5.1	1.05	5.4	1.06	5.8	1.07	6.2	1.09	6.4	1.09
	5.0	4.5	0.88	5.1	0.90	5.4	0.90	5.8	0.91	6.2	0.92	6.4	0.93
	10.0	4.5	0.48	5.1	0.49	5.4	0.50	5.8	0.50	6.2	0.51	6.4	0.51
	15.0	4.5	0.64	5.1	0.65	5.4	0.66	5.8	0.67	6.2	0.67	6.4	0.68
21	20.0	4.5	0.85	5.1	0.86	5.4	0.87	5.8	0.88	6.2	0.89	6.4	0.89
	25.0	4.5	1.05	5.1	1.07	5.4	1.08	5.8	1.09	6.2	1.10	6.4	1.11
	30.0	4.5	1.22	5.1	1.24	5.4	1.25	5.8	1.27	6.2	1.28	6.4	1.29
	35.0	4.5	1.57	5.1	1.60	5.4	1.61	5.8	1.63	6.2	1.65	6.4	1.66
	40.0	3.6	1.28	4.0	1.30	4.3	1.31	4.6	1.32	4.9	1.34	5.0	1.35
	46.0	2.6	0.99	2.9	1.00	3.1	1.01	3.3	1.02	3.6	1.03	3.7	1.04
	-10.0	4.5	0.80	5.1	0.81	5.4	0.82	5.8	0.83	6.2	0.84	6.4	0.84
	0.0	4.5	1.04	5.1	1.05	5.4	1.06	5.8	1.07	6.2	1.09	6.4	1.09
	5.0	4.5	0.88	5.1	0.90	5.4	0.90	5.8	0.91	6.2	0.92	6.4	0.93
19	10.0	4.5	0.48	5.1	0.49	5.4	0.50	5.8	0.50	6.2	0.51	6.4	0.51
	15.0	4.5	0.64	5.1	0.65	5.4	0.66	5.8	0.67	6.2	0.67	6.4	0.68
	20.0	4.5	0.85	5.1	0.86	5.4	0.87	5.8	0.88	6.2	0.89	6.4	0.89
	25.0	4.5	1.05	5.1	1.07	5.4	1.08	5.8	1.09	6.2	1.10	6.4	1.11
	30.0	4.5	1.22	5.1	1.24	5.4	1.25	5.8	1.27	6.2	1.28	6.4	1.29
	35.0	4.5	1.57	5.1	1.60	5.4	1.61	5.8	1.63	6.2	1.65	6.4	1.66
	40.0	3.6	1.28	4.0	1.30	4.3	1.31	4.6	1.32	4.9	1.34	5.0	1.35
	46.0	2.6	0.99	2.9	1.00	3.1	1.01	3.3	1.02	3.6	1.03	3.7	1.04
	-10.0	4.5	0.80	5.1	0.81	5.4	0.82	5.8	0.83	6.2	0.84	6.4	0.84
18	0.0	4.5	1.04	5.1	1.05	5.4	1.06	5.8	1.07	6.2	1.09	6.4	1.09
	5.0	4.5	0.88	5.1	0.90	5.4	0.90	5.8	0.91	6.2	0.92	6.4	0.93
	10.0	4.5	0.48	5.1	0.49	5.4	0.50	5.8	0.50	6.2	0.51	6.4	0.51
	15.0	4.5	0.64	5.1	0.65	5.4	0.66	5.8	0.67	6.2	0.67	6.4	0.68
	20.0	4.5	0.85	5.1	0.86	5.4	0.87	5.8	0.88	6.2	0.89	6.4	0.89
	25.0	4.5	1.05	5.1	1.07	5.4	1.08	5.8	1.09	6.2	1.10	6.4	1.11
	30.0	4.5	1.22	5.1	1.24	5.4	1.25	5.8	1.27	6.2	1.28	6.4	1.29
	35.0	4.5	1.57	5.1	1.60	5.4	1.61	5.8	1.63	6.2	1.65	6.4	1.66
	40.0	3.6	1.28	4.0	1.30	4.3	1.31	4.6	1.32	4.9	1.34	5.0	1.35
16	46.0	2.6	0.99	2.9	1.00	3.1	1.01	3.3	1.02	3.6	1.03	3.7	1.04
	-10.0	4.5	0.78	5.1	0.79	5.3	0.80	5.7	0.80	6.1	0.81	6.3	0.82
	0.0	4.5	1.01	5.1	1.02	5.3	1.03	5.7	1.04	6.1	1.06	6.3	1.06
	5.0	4.5	0.86	5.1	0.87	5.3	0.88	5.7	0.89	6.1	0.90	6.3	0.90
	10.0	4.5	0.47	5.1	0.48	5.3	0.48	5.7	0.49	6.1	0.49	6.3	0.50
	15.0	4.5	0.62	5.1	0.63	5.3	0.64	5.7	0.65	6.1	0.65	6.3	0.66
	20.0	4.5	0.82	5.1	0.84	5.3	0.84	5.7	0.85	6.1	0.86	6.3	0.87
	25.0	4.5	1.02	5.1	1.04	5.3	1.05	5.7	1.06	6.1	1.07	6.3	1.08
	30.0	4.5	1.19	5.1	1.21	5.3	1.22	5.7	1.23	6.1	1.25	6.3	1.25
	35.0	4.5	1.52	5.1	1.55	5.3	1.56	5.7	1.58	6.1	1.60	6.3	1.61
	40.0	3.5	1.24	4.0	1.26	4.2	1.27	4.5	1.29	4.8	1.30	4.9	1.31
	46.0	3.5	0.96	4.0	0.97	4.2	0.98	4.5	0.99	4.8	1.00	4.9	1.01

Indoor unit connect- ing capacity	Outdoor temperature	Indoor temperature											
		18.0 °CDB		21.0 °CDB		23.0 °CDB		27.0 °CDB		29.0 °CDB		32.0 °CDB	
		12.0 °CWB		15.0 °CWB		16.0 °CWB		19.0 °CWB		21.0 °CWB		23.0 °CWB	
kBtu/h	°CDB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
14	-10.0	3.9	0.63	4.4	0.64	4.7	0.65	5.0	0.65	5.3	0.66	5.5	0.67
	0.0	3.9	0.82	4.4	0.83	4.7	0.84	5.0	0.85	5.3	0.86	5.5	0.86
	5.0	3.9	0.70	4.4	0.71	4.7	0.71	5.0	0.72	5.3	0.73	5.5	0.73
	10.0	3.9	0.38	4.4	0.39	4.7	0.39	5.0	0.40	5.3	0.40	5.5	0.40
	15.0	3.9	0.51	4.4	0.52	4.7	0.52	5.0	0.53	5.3	0.53	5.5	0.54
	20.0	3.9	0.67	4.4	0.68	4.7	0.69	5.0	0.69	5.3	0.70	5.5	0.71
	25.0	3.9	0.83	4.4	0.84	4.7	0.85	5.0	0.86	5.3	0.87	5.5	0.87
	30.0	3.9	0.97	4.4	0.98	4.7	0.99	5.0	1.00	5.3	1.01	5.5	1.02
	35.0	3.9	1.24	4.4	1.26	4.7	1.27	5.0	1.29	5.3	1.30	5.5	1.31
	40.0	3.1	1.01	3.5	1.03	3.7	1.04	3.9	1.05	4.2	1.06	4.3	1.06
	46.0	3.1	0.78	3.5	0.79	3.7	0.80	3.9	0.81	4.2	0.82	4.3	0.82

NOTES:

- TC: Total Capacity (kW), IP: Input Power (kW)
- Values mentioned in the table are based on the following conditions:
 - Power source of specifications: 230 V
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- 2 or more indoor units should be connected.
- The total ability of connected indoor unit is from 14,000 Btu/h up to 26,000 Btu/h.
- Input in the table are calculated based on the maximum indoor unit input combinations.

● Compact cassette type

Model: AUXG07KVLA

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.96	1.32	2.22	1.51	2.34	1.74	2.50	1.95	2.67	2.13	2.76	2.44
0.0	1.96	1.32	2.22	1.51	2.34	1.74	2.50	1.95	2.67	2.13	2.76	2.44
5.0	1.96	1.32	2.22	1.51	2.34	1.74	2.50	1.95	2.67	2.13	2.76	2.44
10.0	1.96	1.32	2.22	1.51	2.34	1.74	2.50	1.95	2.67	2.13	2.76	2.44
15.0	1.96	1.32	2.22	1.51	2.34	1.74	2.50	1.95	2.67	2.13	2.76	2.44
20.0	1.96	1.32	2.22	1.51	2.34	1.74	2.50	1.95	2.67	2.13	2.76	2.44
25.0	1.96	1.32	2.22	1.51	2.34	1.74	2.50	1.95	2.67	2.13	2.76	2.44
30.0	1.96	1.32	2.22	1.51	2.34	1.74	2.50	1.95	2.67	2.13	2.76	2.44
35.0	1.96	1.32	2.22	1.51	2.34	1.74	2.50	1.95	2.67	2.13	2.76	2.44
40.0	1.85	1.18	2.10	1.35	2.21	1.55	2.37	1.75	2.53	1.91	2.61	2.19
46.0	1.75	1.05	1.98	1.20	2.08	1.38	2.23	1.55	2.38	1.70	2.46	1.95

Model: AUXG09KVLA

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
0.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
5.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
10.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
15.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
20.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
25.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
30.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
35.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
40.0	2.37	1.50	2.68	1.71	2.83	1.96	3.03	2.21	3.24	2.41	3.34	2.76
46.0	2.24	1.33	2.53	1.52	2.67	1.75	2.86	1.96	3.05	2.15	3.15	2.46

Model: AUXG12KVLA

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.87	1.89	3.24	2.15	3.42	2.48	3.66	2.78	3.91	3.04	4.03	3.49
0.0	2.87	1.89	3.24	2.15	3.42	2.48	3.66	2.78	3.91	3.04	4.03	3.49
5.0	2.87	1.89	3.24	2.15	3.42	2.48	3.66	2.78	3.91	3.04	4.03	3.49
10.0	2.87	1.89	3.24	2.15	3.42	2.48	3.66	2.78	3.91	3.04	4.03	3.49
15.0	2.87	1.89	3.24	2.15	3.42	2.48	3.66	2.78	3.91	3.04	4.03	3.49
20.0	2.87	1.89	3.24	2.15	3.42	2.48	3.66	2.78	3.91	3.04	4.03	3.49
25.0	2.87	1.89	3.24	2.15	3.42	2.48	3.66	2.78	3.91	3.04	4.03	3.49
30.0	2.87	1.89	3.24	2.15	3.42	2.48	3.66	2.78	3.91	3.04	4.03	3.49
35.0	2.87	1.89	3.24	2.15	3.42	2.48	3.66	2.78	3.91	3.04	4.03	3.49
40.0	2.72	1.69	3.07	1.93	3.23	2.22	3.46	2.49	3.70	2.72	3.82	3.12
46.0	2.56	1.50	2.89	1.71	3.05	1.97	3.27	2.22	3.49	2.42	3.60	2.78

Model: AUXG14KVLA

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	3.03	1.89	3.43	2.15	3.61	2.48	3.87	2.79	4.14	3.05	4.26	3.49
0.0	3.03	1.89	3.43	2.15	3.61	2.48	3.87	2.79	4.14	3.05	4.26	3.49
5.0	3.03	1.89	3.43	2.15	3.61	2.48	3.87	2.79	4.14	3.05	4.26	3.49
10.0	3.03	1.89	3.43	2.15	3.61	2.48	3.87	2.79	4.14	3.05	4.26	3.49
15.0	3.03	1.89	3.43	2.15	3.61	2.48	3.87	2.79	4.14	3.05	4.26	3.49
20.0	3.03	1.89	3.43	2.15	3.61	2.48	3.87	2.79	4.14	3.05	4.26	3.49
25.0	3.03	1.89	3.43	2.15	3.61	2.48	3.87	2.79	4.14	3.05	4.26	3.49
30.0	3.03	1.89	3.43	2.15	3.61	2.48	3.87	2.79	4.14	3.05	4.26	3.49
35.0	3.03	1.89	3.43	2.15	3.61	2.48	3.87	2.79	4.14	3.05	4.26	3.49
40.0	2.87	1.69	3.24	1.93	3.42	2.22	3.66	2.49	3.91	2.73	4.04	3.13
46.0	2.71	1.50	3.06	1.72	3.23	1.97	3.45	2.22	3.69	2.43	3.81	2.78

NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

● Mini duct type

Model: ARXG07KSLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
0.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
5.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
10.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
15.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
20.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
25.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
30.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
35.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
40.0	1.54	0.84	1.74	0.96	1.84	1.10	1.97	1.24	2.10	1.35	2.17	1.55
46.0	1.12	0.45	1.27	0.51	1.34	0.59	1.43	0.66	1.53	0.72	1.58	0.83

Model: ARXG09KSLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.51	1.61	2.84	1.83	2.99	2.11	3.20	2.37	3.42	2.59	3.53	2.97
0.0	2.51	1.61	2.84	1.83	2.99	2.11	3.20	2.37	3.42	2.59	3.53	2.97
5.0	2.51	1.61	2.84	1.83	2.99	2.11	3.20	2.37	3.42	2.59	3.53	2.97
10.0	2.51	1.61	2.84	1.83	2.99	2.11	3.20	2.37	3.42	2.59	3.53	2.97
15.0	2.51	1.61	2.84	1.83	2.99	2.11	3.20	2.37	3.42	2.59	3.53	2.97
20.0	2.51	1.61	2.84	1.83	2.99	2.11	3.20	2.37	3.42	2.59	3.53	2.97
25.0	2.51	1.61	2.84	1.83	2.99	2.11	3.20	2.37	3.42	2.59	3.53	2.97
30.0	2.51	1.61	2.84	1.83	2.99	2.11	3.20	2.37	3.42	2.59	3.53	2.97
35.0	2.51	1.61	2.84	1.83	2.99	2.11	3.20	2.37	3.42	2.59	3.53	2.97
40.0	1.97	0.99	2.23	1.13	2.35	1.31	2.52	1.47	2.69	1.60	2.78	1.84
46.0	1.44	0.53	1.63	0.60	1.72	0.69	1.84	0.78	1.96	0.85	2.02	0.98

Model: ARXG12KSLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.87	1.84	3.24	2.09	3.42	2.41	3.66	2.71	3.91	2.96	4.03	3.39
0.0	2.87	1.84	3.24	2.09	3.42	2.41	3.66	2.71	3.91	2.96	4.03	3.39
5.0	2.87	1.84	3.24	2.09	3.42	2.41	3.66	2.71	3.91	2.96	4.03	3.39
10.0	2.87	1.84	3.24	2.09	3.42	2.41	3.66	2.71	3.91	2.96	4.03	3.39
15.0	2.87	1.84	3.24	2.09	3.42	2.41	3.66	2.71	3.91	2.96	4.03	3.39
20.0	2.87	1.84	3.24	2.09	3.42	2.41	3.66	2.71	3.91	2.96	4.03	3.39
25.0	2.87	1.84	3.24	2.09	3.42	2.41	3.66	2.71	3.91	2.96	4.03	3.39
30.0	2.87	1.84	3.24	2.09	3.42	2.41	3.66	2.71	3.91	2.96	4.03	3.39
35.0	2.87	1.84	3.24	2.09	3.42	2.41	3.66	2.71	3.91	2.96	4.03	3.39
40.0	2.26	1.14	2.55	1.30	2.69	1.49	2.88	1.68	3.08	1.83	3.17	2.10
46.0	1.65	0.60	1.86	0.69	1.96	0.79	2.10	0.89	2.25	0.98	2.31	1.12

Model: ARXG14KSLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	3.03	1.86	3.43	2.12	3.61	2.45	3.87	2.75	4.14	3.01	4.26	3.44
0.0	3.03	1.86	3.43	2.12	3.61	2.45	3.87	2.75	4.14	3.01	4.26	3.44
5.0	3.03	1.86	3.43	2.12	3.61	2.45	3.87	2.75	4.14	3.01	4.26	3.44
10.0	3.03	1.86	3.43	2.12	3.61	2.45	3.87	2.75	4.14	3.01	4.26	3.44
15.0	3.03	1.86	3.43	2.12	3.61	2.45	3.87	2.75	4.14	3.01	4.26	3.44
20.0	3.03	1.86	3.43	2.12	3.61	2.45	3.87	2.75	4.14	3.01	4.26	3.44
25.0	3.03	1.86	3.43	2.12	3.61	2.45	3.87	2.75	4.14	3.01	4.26	3.44
30.0	3.03	1.86	3.43	2.12	3.61	2.45	3.87	2.75	4.14	3.01	4.26	3.44
35.0	3.03	1.86	3.43	2.12	3.61	2.45	3.87	2.75	4.14	3.01	4.26	3.44
40.0	2.39	1.15	2.70	1.32	2.84	1.51	3.05	1.70	3.26	1.86	3.36	2.13
46.0	1.74	0.61	1.97	0.70	2.07	0.81	2.22	0.91	2.37	0.99	2.45	1.13

NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]

● Slim duct type

Model: ARXG07KLLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
0.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
5.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
10.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
15.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
20.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
25.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
30.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
35.0	1.96	1.36	2.22	1.55	2.34	1.78	2.50	2.00	2.67	2.19	2.76	2.51
40.0	1.54	0.84	1.74	0.96	1.84	1.10	1.97	1.24	2.10	1.35	2.17	1.55
46.0	1.12	0.45	1.27	0.51	1.34	0.59	1.43	0.66	1.53	0.72	1.58	0.83

Model: ARXG09KLLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
0.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
5.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
10.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
15.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
20.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
25.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
30.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
35.0	2.51	1.67	2.84	1.90	2.99	2.19	3.20	2.46	3.42	2.69	3.53	3.09
40.0	1.97	1.03	2.23	1.18	2.35	1.36	2.52	1.53	2.69	1.67	2.78	1.91
46.0	1.44	0.55	1.63	0.63	1.72	0.72	1.84	0.81	1.96	0.89	2.02	1.02

Model: ARXG12KLLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.87	1.94	3.24	2.21	3.42	2.54	3.66	2.85	3.91	3.12	4.03	3.58
0.0	2.87	1.94	3.24	2.21	3.42	2.54	3.66	2.85	3.91	3.12	4.03	3.58
5.0	2.87	1.94	3.24	2.21	3.42	2.54	3.66	2.85	3.91	3.12	4.03	3.58
10.0	2.87	1.94	3.24	2.21	3.42	2.54	3.66	2.85	3.91	3.12	4.03	3.58
15.0	2.87	1.94	3.24	2.21	3.42	2.54	3.66	2.85	3.91	3.12	4.03	3.58
20.0	2.87	1.94	3.24	2.21	3.42	2.54	3.66	2.85	3.91	3.12	4.03	3.58
25.0	2.87	1.94	3.24	2.21	3.42	2.54	3.66	2.85	3.91	3.12	4.03	3.58
30.0	2.87	1.94	3.24	2.21	3.42	2.54	3.66	2.85	3.91	3.12	4.03	3.58
35.0	2.87	1.94	3.24	2.21	3.42	2.54	3.66	2.85	3.91	3.12	4.03	3.58
40.0	2.26	1.20	2.55	1.37	2.69	1.57	2.88	1.77	3.08	1.93	3.17	2.22
46.0	1.65	0.64	1.86	0.73	1.96	0.84	2.10	0.94	2.25	1.03	2.31	1.18

Model: ARXG14KLLAP

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	3.03	1.94	3.43	2.21	3.61	2.55	3.87	2.86	4.14	3.13	4.26	3.59
0.0	3.03	1.94	3.43	2.21	3.61	2.55	3.87	2.86	4.14	3.13	4.26	3.59
5.0	3.03	1.94	3.43	2.21	3.61	2.55	3.87	2.86	4.14	3.13	4.26	3.59
10.0	3.03	1.94	3.43	2.21	3.61	2.55	3.87	2.86	4.14	3.13	4.26	3.59
15.0	3.03	1.94	3.43	2.21	3.61	2.55	3.87	2.86	4.14	3.13	4.26	3.59
20.0	3.03	1.94	3.43	2.21	3.61	2.55	3.87	2.86	4.14	3.13	4.26	3.59
25.0	3.03	1.94	3.43	2.21	3.61	2.55	3.87	2.86	4.14	3.13	4.26	3.59
30.0	3.03	1.94	3.43	2.21	3.61	2.55	3.87	2.86	4.14	3.13	4.26	3.59
35.0	3.03	1.94	3.43	2.21	3.61	2.55	3.87	2.86	4.14	3.13	4.26	3.59
40.0	2.39	1.20	2.70	1.37	2.84	1.58	3.05	1.77	3.26	1.94	3.36	2.22
46.0	1.74	0.64	1.97	0.73	2.07	0.84	2.22	0.94	2.37	1.03	2.45	1.18

NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

● Wall mounted type

Model: ASYG07KGTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
0.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
5.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
10.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
15.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
20.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
25.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
30.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
35.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
40.0	1.54	0.68	1.74	0.78	1.84	0.90	1.97	1.01	2.10	1.10	2.17	1.26
46.0	1.12	0.36	1.27	0.41	1.34	0.48	1.43	0.54	1.53	0.59	1.58	0.67

Model: ASYG09KGTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
0.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
5.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
10.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
15.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
20.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
25.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
30.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
35.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
40.0	1.97	0.87	2.23	1.00	2.35	1.15	2.52	1.29	2.69	1.41	2.78	1.61
46.0	1.44	0.46	1.63	0.53	1.72	0.61	1.84	0.69	1.96	0.75	2.02	0.86

Model: ASYG12KGTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
0.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
5.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
10.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
15.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
20.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
25.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
30.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
35.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
40.0	2.26	1.00	2.55	1.14	2.69	1.31	2.88	1.47	3.08	1.61	3.17	1.85
46.0	1.65	0.53	1.86	0.61	1.96	0.70	2.10	0.78	2.25	0.86	2.31	0.98

Model: ASYG14KGTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
0.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
5.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
10.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
15.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
20.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
25.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
30.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
35.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
40.0	2.39	1.06	2.70	1.20	2.84	1.39	3.05	1.56	3.26	1.70	3.36	1.95
46.0	1.74	0.56	1.97	0.64	2.07	0.74	2.22	0.83	2.37	0.91	2.45	1.04

Model: ASYG07KMTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
0.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
5.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
10.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
15.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
20.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
25.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
30.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
35.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
40.0	1.54	0.68	1.74	0.78	1.84	0.90	1.97	1.01	2.10	1.10	2.17	1.26
46.0	1.12	0.36	1.27	0.41	1.34	0.48	1.43	0.54	1.53	0.59	1.58	0.67

Model: ASYG09KMTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
0.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
5.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
10.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
15.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
20.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
25.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
30.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
35.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
40.0	1.97	0.87	2.23	1.00	2.35	1.15	2.52	1.29	2.69	1.41	2.78	1.61
46.0	1.44	0.46	1.63	0.53	1.72	0.61	1.84	0.69	1.96	0.75	2.02	0.86

Model: ASYG12KMTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
0.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
5.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
10.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
15.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
20.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
25.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
30.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
35.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
40.0	2.26	1.00	2.55	1.14	2.69	1.31	2.88	1.47	3.08	1.61	3.17	1.85
46.0	1.65	0.53	1.86	0.61	1.96	0.70	2.10	0.78	2.25	0.86	2.31	0.98

Model: ASYG14KMTB

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
0.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
5.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
10.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
15.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
20.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
25.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
30.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
35.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
40.0	2.39	1.06	2.70	1.20	2.84	1.39	3.05	1.56	3.26	1.70	3.36	1.95
46.0	1.74	0.56	1.97	0.64	2.07	0.74	2.22	0.83	2.37	0.91	2.45	1.04

Model: ASYG07KETA, ASYG07KETA-B

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
0.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
5.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
10.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
15.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
20.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
25.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
30.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
35.0	1.96	1.10	2.22	1.26	2.34	1.45	2.50	1.63	2.67	1.78	2.76	2.04
40.0	1.54	0.68	1.74	0.78	1.84	0.90	1.97	1.01	2.10	1.10	2.17	1.26
46.0	1.12	0.36	1.27	0.41	1.34	0.48	1.43	0.54	1.53	0.59	1.58	0.67

Model: ASYG09KETA, ASYG09KETA-B

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
0.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
5.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
10.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
15.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
20.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
25.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
30.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
35.0	2.51	1.41	2.84	1.61	2.99	1.85	3.20	2.08	3.42	2.27	3.53	2.61
40.0	1.97	0.87	2.23	1.00	2.35	1.15	2.52	1.29	2.69	1.41	2.78	1.61
46.0	1.44	0.46	1.63	0.53	1.72	0.61	1.84	0.69	1.96	0.75	2.02	0.86

Model: ASYG12KETA, ASYG12KETA-B

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
0.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
5.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
10.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
15.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
20.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
25.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
30.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
35.0	2.87	1.61	3.24	1.84	3.42	2.12	3.66	2.38	3.91	2.60	4.03	2.98
40.0	2.26	1.00	2.55	1.14	2.69	1.31	2.88	1.47	3.08	1.61	3.17	1.85
46.0	1.65	0.53	1.86	0.61	1.96	0.70	2.10	0.78	2.25	0.86	2.31	0.98

Model: ASYG14KETA, ASYG14KETA-B

Outdoor temperature	Indoor temperature (°CDB / °CWB)											
	18.0 / 12.0		21.0 / 15.0		23.0 / 16.0		27.0 / 19.0		29.0 / 21.0		32.0 / 23.0	
(°CDB)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-10.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
0.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
5.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
10.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
15.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
20.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
25.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
30.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
35.0	3.03	1.71	3.43	1.94	3.61	2.24	3.87	2.52	4.14	2.75	4.26	3.15
40.0	2.39	1.06	2.70	1.20	2.84	1.39	3.05	1.56	3.26	1.70	3.36	1.95
46.0	1.74	0.56	1.97	0.64	2.07	0.74	2.22	0.83	2.37	0.91	2.45	1.04

NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

6-3. Heating capacity

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

■ Model: AOYG14KBT2A2

Indoor unit connecting capacity	Outdoor temperature		Indoor temperature									
			16.0 °CDB		18.0 °CDB		20.0 °CDB		22.0 °CDB		24.0 °CDB	
kBtu/h	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
21	-15.0	-16.0	3.30	1.34	3.30	1.37	3.20	1.40	3.10	1.43	3.00	1.46
	-10.0	-11.0	3.80	1.39	3.70	1.42	3.60	1.45	3.50	1.48	3.40	1.51
	-5.0	-7.0	4.20	1.44	4.10	1.47	4.00	1.50	3.90	1.53	3.80	1.56
	0.0	-2.0	5.30	1.46	5.20	1.49	5.10	1.52	4.90	1.55	4.80	1.58
	5.0	3.0	5.70	1.47	5.60	1.50	5.50	1.53	5.30	1.56	5.20	1.59
	7.0	6.0	5.80	1.63	5.60	1.67	5.50	1.70	5.40	1.73	5.20	1.77
	10.0	8.0	5.80	1.32	5.60	1.34	5.50	1.37	5.40	1.40	5.20	1.43
	15.0	10.0	5.80	1.20	5.60	1.23	5.50	1.25	5.40	1.28	5.20	1.30
	20.0	15.0	5.80	0.94	5.60	0.96	5.50	0.98	5.40	1.00	5.20	1.02
19	24.0	18.0	5.80	0.84	5.60	0.86	5.50	0.88	5.40	0.89	5.20	0.91
	-15.0	-16.0	3.30	1.34	3.30	1.37	3.20	1.40	3.10	1.43	3.00	1.46
	-10.0	-11.0	3.80	1.39	3.70	1.42	3.60	1.45	3.50	1.48	3.40	1.51
	-5.0	-7.0	4.20	1.44	4.10	1.47	4.00	1.50	3.90	1.53	3.80	1.56
	0.0	-2.0	5.30	1.46	5.20	1.49	5.10	1.52	4.90	1.55	4.80	1.58
	5.0	3.0	5.70	1.47	5.60	1.50	5.50	1.53	5.30	1.56	5.20	1.59
	7.0	6.0	5.80	1.63	5.60	1.67	5.50	1.70	5.40	1.73	5.20	1.77
	10.0	8.0	5.80	1.32	5.60	1.34	5.50	1.37	5.40	1.40	5.20	1.43
	15.0	10.0	5.80	1.20	5.60	1.23	5.50	1.25	5.40	1.28	5.20	1.30
18	20.0	15.0	5.80	0.94	5.60	0.96	5.50	0.98	5.40	1.00	5.20	1.02
	24.0	18.0	5.80	0.84	5.60	0.86	5.50	0.88	5.40	0.89	5.20	0.91
	-15.0	-16.0	3.30	1.34	3.30	1.37	3.20	1.40	3.10	1.43	3.00	1.46
	-10.0	-11.0	3.80	1.39	3.70	1.42	3.60	1.45	3.50	1.48	3.40	1.51
	-5.0	-7.0	4.20	1.44	4.10	1.47	4.00	1.50	3.90	1.53	3.80	1.56
	0.0	-2.0	5.30	1.46	5.20	1.49	5.10	1.52	4.90	1.55	4.80	1.58
	5.0	3.0	5.70	1.47	5.60	1.50	5.50	1.53	5.30	1.56	5.20	1.59
	7.0	6.0	5.80	1.63	5.60	1.67	5.50	1.70	5.40	1.73	5.20	1.77
	10.0	8.0	5.80	1.32	5.60	1.34	5.50	1.37	5.40	1.40	5.20	1.43
16	15.0	10.0	5.80	1.20	5.60	1.23	5.50	1.25	5.40	1.28	5.20	1.30
	20.0	15.0	5.80	0.94	5.60	0.96	5.50	0.98	5.40	1.00	5.20	1.02
	24.0	18.0	5.80	0.84	5.60	0.86	5.50	0.88	5.40	0.89	5.20	0.91
	-15.0	-16.0	3.30	1.34	3.30	1.37	3.20	1.40	3.10	1.43	3.00	1.46
	-10.0	-11.0	3.80	1.39	3.70	1.42	3.60	1.45	3.50	1.48	3.40	1.51
	-5.0	-7.0	4.20	1.44	4.10	1.47	4.00	1.50	3.90	1.53	3.80	1.56
	0.0	-2.0	5.30	1.46	5.20	1.49	5.10	1.52	4.90	1.55	4.80	1.58
	5.0	3.0	5.70	1.47	5.60	1.50	5.50	1.53	5.30	1.56	5.20	1.59
	7.0	6.0	5.80	1.63	5.60	1.67	5.50	1.70	5.40	1.73	5.20	1.77
14	10.0	8.0	5.80	1.32	5.60	1.34	5.50	1.37	5.40	1.40	5.20	1.43
	15.0	10.0	5.80	1.20	5.60	1.23	5.50	1.25	5.40	1.28	5.20	1.30
	20.0	15.0	5.80	0.94	5.60	0.96	5.50	0.98	5.40	1.00	5.20	1.02
	24.0	18.0	5.80	0.84	5.60	0.86	5.50	0.88	5.40	0.89	5.20	0.91
	-15.0	-16.0	3.30	1.34	3.30	1.36	3.20	1.39	3.10	1.42	3.00	1.45
	-10.0	-11.0	3.80	1.39	3.70	1.42	3.60	1.45	3.50	1.47	3.40	1.50
	-5.0	-7.0	4.20	1.44	4.10	1.47	4.00	1.50	3.90	1.53	3.80	1.56
	0.0	-2.0	5.30	1.45	5.20	1.48	5.10	1.51	4.90	1.54	4.80	1.57
	5.0	3.0	5.70	1.46	5.60	1.49	5.50	1.52	5.30	1.55	5.20	1.58
14	7.0	6.0	5.80	1.63	5.60	1.67	5.50	1.70	5.40	1.73	5.20	1.77
	10.0	8.0	5.80	1.32	5.60	1.34	5.50	1.37	5.40	1.40	5.20	1.43
	15.0	10.0	5.80	1.20	5.60	1.23	5.50	1.25	5.40	1.28	5.20	1.30
	20.0	15.0	5.80	0.94	5.60	0.96	5.50	0.98	5.40	1.00	5.20	1.02
	24.0	18.0	5.80	0.84	5.60	0.86	5.50	0.88	5.40	0.89	5.20	0.91

NOTES:

- TC: Total Capacity (kW), IP: Input Power (kW)
- Values mentioned in the table are based on the following conditions:
 - Power source of specifications: 230 V
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- 2 or more indoor units should be connected.
- The total ability of connected a indoor unit is from 14,000 Btu/h up to 21,000 Btu/h.
- Input in the table are calculated based on the maximum indoor unit input combinations.

● Compact cassette type

Model: AUXG07KVLA

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.67	1.63	1.59	1.55	1.51
-10.0	-11.0	1.88	1.84	1.79	1.75	1.70
-5.0	-7.0	2.10	2.05	2.00	1.95	1.90
0.0	-2.0	2.66	2.60	2.54	2.47	2.41
5.0	3.0	2.87	2.80	2.73	2.67	2.60
7.0	6.0	2.89	2.82	2.75	2.68	2.61
10.0	8.0	2.89	2.82	2.75	2.68	2.61
15.0	10.0	2.89	2.82	2.75	2.68	2.61
20.0	15.0	2.89	2.82	2.75	2.68	2.61
24.0	18.0	2.89	2.82	2.75	2.68	2.61

Model: AUXG09KVLA

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.87	1.83	1.79	1.74	1.70
-10.0	-11.0	2.12	2.07	2.02	1.96	1.91
-5.0	-7.0	2.36	2.30	2.24	2.19	2.13
0.0	-2.0	2.99	2.92	2.85	2.78	2.71
5.0	3.0	3.23	3.15	3.07	3.00	2.92
7.0	6.0	3.24	3.17	3.09	3.01	2.94
10.0	8.0	3.24	3.17	3.09	3.01	2.94
15.0	10.0	3.24	3.17	3.09	3.01	2.94
20.0	15.0	3.24	3.17	3.09	3.01	2.94
24.0	18.0	3.24	3.17	3.09	3.01	2.94

Model: AUXG12KVLA

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.11	2.06	2.01	1.95	1.90
-10.0	-11.0	2.38	2.32	2.26	2.21	2.15
-5.0	-7.0	2.65	2.58	2.52	2.46	2.39
0.0	-2.0	3.36	3.28	3.20	3.12	3.04
5.0	3.0	3.62	3.54	3.45	3.36	3.28
7.0	6.0	3.64	3.56	3.47	3.38	3.30
10.0	8.0	3.64	3.56	3.47	3.38	3.30
15.0	10.0	3.64	3.56	3.47	3.38	3.30
20.0	15.0	3.64	3.56	3.47	3.38	3.30
24.0	18.0	3.64	3.56	3.47	3.38	3.30

NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

● Mini duct type

Model: ARXG07KSLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.67	1.63	1.59	1.55	1.51
-10.0	-11.0	1.88	1.84	1.79	1.75	1.70
-5.0	-7.0	2.10	2.05	2.00	1.95	1.90
0.0	-2.0	2.66	2.60	2.54	2.47	2.41
5.0	3.0	2.87	2.80	2.73	2.67	2.60
7.0	6.0	2.89	2.82	2.75	2.68	2.61
10.0	8.0	2.89	2.82	2.75	2.68	2.61
15.0	10.0	2.89	2.82	2.75	2.68	2.61
20.0	15.0	2.89	2.82	2.75	2.68	2.61
24.0	18.0	2.89	2.82	2.75	2.68	2.61

Model: ARXG09KSLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.87	1.83	1.79	1.74	1.70
-10.0	-11.0	2.12	2.07	2.02	1.96	1.91
-5.0	-7.0	2.36	2.30	2.24	2.19	2.13
0.0	-2.0	2.99	2.92	2.85	2.78	2.71
5.0	3.0	3.23	3.15	3.07	3.00	2.92
7.0	6.0	3.24	3.17	3.09	3.01	2.94
10.0	8.0	3.24	3.17	3.09	3.01	2.94
15.0	10.0	3.24	3.17	3.09	3.01	2.94
20.0	15.0	3.24	3.17	3.09	3.01	2.94
24.0	18.0	3.24	3.17	3.09	3.01	2.94

Model: ARXG12KSLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.11	2.06	2.01	1.95	1.90
-10.0	-11.0	2.38	2.32	2.26	2.21	2.15
-5.0	-7.0	2.65	2.58	2.52	2.46	2.39
0.0	-2.0	3.36	3.28	3.20	3.12	3.04
5.0	3.0	3.62	3.54	3.45	3.36	3.28
7.0	6.0	3.64	3.56	3.47	3.38	3.30
10.0	8.0	3.64	3.56	3.47	3.38	3.30
15.0	10.0	3.64	3.56	3.47	3.38	3.30
20.0	15.0	3.64	3.56	3.47	3.38	3.30
24.0	18.0	3.64	3.56	3.47	3.38	3.30

NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]

● Slim duct type

Model: ARXG07KLLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.67	1.63	1.59	1.55	1.51
-10.0	-11.0	1.88	1.84	1.79	1.75	1.70
-5.0	-7.0	2.10	2.05	2.00	1.95	1.90
0.0	-2.0	2.66	2.60	2.54	2.47	2.41
5.0	3.0	2.87	2.80	2.73	2.67	2.60
7.0	6.0	2.89	2.82	2.75	2.68	2.61
10.0	8.0	2.89	2.82	2.75	2.68	2.61
15.0	10.0	2.89	2.82	2.75	2.68	2.61
20.0	15.0	2.89	2.82	2.75	2.68	2.61
24.0	18.0	2.89	2.82	2.75	2.68	2.61

Model: ARXG09KLLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.87	1.83	1.79	1.74	1.70
-10.0	-11.0	2.12	2.07	2.02	1.96	1.91
-5.0	-7.0	2.36	2.30	2.24	2.19	2.13
0.0	-2.0	2.99	2.92	2.85	2.78	2.71
5.0	3.0	3.23	3.15	3.07	3.00	2.92
7.0	6.0	3.24	3.17	3.09	3.01	2.94
10.0	8.0	3.24	3.17	3.09	3.01	2.94
15.0	10.0	3.24	3.17	3.09	3.01	2.94
20.0	15.0	3.24	3.17	3.09	3.01	2.94
24.0	18.0	3.24	3.17	3.09	3.01	2.94

Model: ARXG12KLLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.11	2.06	2.01	1.95	1.90
-10.0	-11.0	2.38	2.32	2.26	2.21	2.15
-5.0	-7.0	2.65	2.58	2.52	2.46	2.39
0.0	-2.0	3.36	3.28	3.20	3.12	3.04
5.0	3.0	3.62	3.54	3.45	3.36	3.28
7.0	6.0	3.64	3.56	3.47	3.38	3.30
10.0	8.0	3.64	3.56	3.47	3.38	3.30
15.0	10.0	3.64	3.56	3.47	3.38	3.30
20.0	15.0	3.64	3.56	3.47	3.38	3.30
24.0	18.0	3.64	3.56	3.47	3.38	3.30

NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

● Wall mounted type

Model: ASYG07KGTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.67	1.63	1.59	1.55	1.51
-10.0	-11.0	1.88	1.84	1.79	1.75	1.70
-5.0	-7.0	2.10	2.05	2.00	1.95	1.90
0.0	-2.0	2.66	2.60	2.54	2.47	2.41
5.0	3.0	2.87	2.80	2.73	2.67	2.60
7.0	6.0	2.89	2.82	2.75	2.68	2.61
10.0	8.0	2.89	2.82	2.75	2.68	2.61
15.0	10.0	2.89	2.82	2.75	2.68	2.61
20.0	15.0	2.89	2.82	2.75	2.68	2.61
24.0	18.0	2.89	2.82	2.75	2.68	2.61

Model: ASYG09KGTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.87	1.83	1.79	1.74	1.70
-10.0	-11.0	2.12	2.07	2.02	1.96	1.91
-5.0	-7.0	2.36	2.30	2.24	2.19	2.13
0.0	-2.0	2.99	2.92	2.85	2.78	2.71
5.0	3.0	3.23	3.15	3.07	3.00	2.92
7.0	6.0	3.24	3.17	3.09	3.01	2.94
10.0	8.0	3.24	3.17	3.09	3.01	2.94
15.0	10.0	3.24	3.17	3.09	3.01	2.94
20.0	15.0	3.24	3.17	3.09	3.01	2.94
24.0	18.0	3.24	3.17	3.09	3.01	2.94

Model: ASYG12KGTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.11	2.06	2.01	1.95	1.90
-10.0	-11.0	2.38	2.32	2.26	2.21	2.15
-5.0	-7.0	2.65	2.58	2.52	2.46	2.39
0.0	-2.0	3.36	3.28	3.20	3.12	3.04
5.0	3.0	3.62	3.54	3.45	3.36	3.28
7.0	6.0	3.64	3.56	3.47	3.38	3.30
10.0	8.0	3.64	3.56	3.47	3.38	3.30
15.0	10.0	3.64	3.56	3.47	3.38	3.30
20.0	15.0	3.64	3.56	3.47	3.38	3.30
24.0	18.0	3.64	3.56	3.47	3.38	3.30

OUTDOOR UNIT
AOYG14-18KBT2OUTDOOR UNIT
AOYG14-18KBT2

Model: ASYG07KMTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.67	1.63	1.59	1.55	1.51
-10.0	-11.0	1.88	1.84	1.79	1.75	1.70
-5.0	-7.0	2.10	2.05	2.00	1.95	1.90
0.0	-2.0	2.66	2.60	2.54	2.47	2.41
5.0	3.0	2.87	2.80	2.73	2.67	2.60
7.0	6.0	2.89	2.82	2.75	2.68	2.61
10.0	8.0	2.89	2.82	2.75	2.68	2.61
15.0	10.0	2.89	2.82	2.75	2.68	2.61
20.0	15.0	2.89	2.82	2.75	2.68	2.61
24.0	18.0	2.89	2.82	2.75	2.68	2.61

Model: ASYG09KMTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.87	1.83	1.79	1.74	1.70
-10.0	-11.0	2.12	2.07	2.02	1.96	1.91
-5.0	-7.0	2.36	2.30	2.24	2.19	2.13
0.0	-2.0	2.99	2.92	2.85	2.78	2.71
5.0	3.0	3.23	3.15	3.07	3.00	2.92
7.0	6.0	3.24	3.17	3.09	3.01	2.94
10.0	8.0	3.24	3.17	3.09	3.01	2.94
15.0	10.0	3.24	3.17	3.09	3.01	2.94
20.0	15.0	3.24	3.17	3.09	3.01	2.94
24.0	18.0	3.24	3.17	3.09	3.01	2.94

Model: ASYG12KMTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.11	2.06	2.01	1.95	1.90
-10.0	-11.0	2.38	2.32	2.26	2.21	2.15
-5.0	-7.0	2.65	2.58	2.52	2.46	2.39
0.0	-2.0	3.36	3.28	3.20	3.12	3.04
5.0	3.0	3.62	3.54	3.45	3.36	3.28
7.0	6.0	3.64	3.56	3.47	3.38	3.30
10.0	8.0	3.64	3.56	3.47	3.38	3.30
15.0	10.0	3.64	3.56	3.47	3.38	3.30
20.0	15.0	3.64	3.56	3.47	3.38	3.30
24.0	18.0	3.64	3.56	3.47	3.38	3.30

OUTDOOR UNIT
AOYG14-18KBT2OUTDOOR UNIT
AOYG14-18KBT2

Model: ASYG07KETA, ASYG07KETA-B

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.67	1.63	1.59	1.55	1.51
-10.0	-11.0	1.88	1.84	1.79	1.75	1.70
-5.0	-7.0	2.10	2.05	2.00	1.95	1.90
0.0	-2.0	2.66	2.60	2.54	2.47	2.41
5.0	3.0	2.87	2.80	2.73	2.67	2.60
7.0	6.0	2.89	2.82	2.75	2.68	2.61
10.0	8.0	2.89	2.82	2.75	2.68	2.61
15.0	10.0	2.89	2.82	2.75	2.68	2.61
20.0	15.0	2.89	2.82	2.75	2.68	2.61
24.0	18.0	2.89	2.82	2.75	2.68	2.61

Model: ASYG09KETA, ASYG09KETA-B

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.87	1.83	1.79	1.74	1.70
-10.0	-11.0	2.12	2.07	2.02	1.96	1.91
-5.0	-7.0	2.36	2.30	2.24	2.19	2.13
0.0	-2.0	2.99	2.92	2.85	2.78	2.71
5.0	3.0	3.23	3.15	3.07	3.00	2.92
7.0	6.0	3.24	3.17	3.09	3.01	2.94
10.0	8.0	3.24	3.17	3.09	3.01	2.94
15.0	10.0	3.24	3.17	3.09	3.01	2.94
20.0	15.0	3.24	3.17	3.09	3.01	2.94
24.0	18.0	3.24	3.17	3.09	3.01	2.94

Model: ASYG12KETA, ASYG12KETA-B

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.11	2.06	2.01	1.95	1.90
-10.0	-11.0	2.38	2.32	2.26	2.21	2.15
-5.0	-7.0	2.65	2.58	2.52	2.46	2.39
0.0	-2.0	3.36	3.28	3.20	3.12	3.04
5.0	3.0	3.62	3.54	3.45	3.36	3.28
7.0	6.0	3.64	3.56	3.47	3.38	3.30
10.0	8.0	3.64	3.56	3.47	3.38	3.30
15.0	10.0	3.64	3.56	3.47	3.38	3.30
20.0	15.0	3.64	3.56	3.47	3.38	3.30
24.0	18.0	3.64	3.56	3.47	3.38	3.30

NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

Model: AOYG18KBT A2

OUTDOOR UNIT
AOYG14-18KBT A2

OUTDOOR UNIT
AOYG14-18KBT A2

Indoor unit connecting capacity	Outdoor temperature		Indoor temperature									
			16.0 °CDB		18.0 °CDB		20.0 °CDB		22.0 °CDB		24.0 °CDB	
kBtu/h	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
26	-15.0	-16.0	4.0	1.63	3.9	1.67	3.8	1.70	3.7	1.73	3.6	1.77
	-10.0	-11.0	4.6	1.68	4.4	1.72	4.3	1.75	4.2	1.79	4.1	1.82
	-5.0	-7.0	5.2	1.73	5.0	1.76	4.9	1.80	4.8	1.84	4.7	1.87
	0.0	-2.0	6.6	1.90	6.4	1.94	6.3	1.98	6.1	2.02	5.9	2.06
	5.0	3.0	7.4	1.90	7.2	1.94	7.0	1.98	6.8	2.02	6.7	2.06
	7.0	6.0	7.4	1.80	7.2	1.84	7.0	1.88	6.8	1.92	6.7	1.96
	10.0	8.0	7.4	1.69	7.2	1.73	7.0	1.77	6.8	1.80	6.7	1.84
	15.0	10.0	7.4	1.55	7.2	1.59	7.0	1.62	6.8	1.65	6.7	1.68
	20.0	15.0	7.4	1.31	7.2	1.34	7.0	1.37	6.8	1.40	6.7	1.42
24	24.0	18.0	7.4	1.15	7.2	1.18	7.0	1.20	6.8	1.23	6.7	1.25
	-15.0	-16.0	4.0	1.63	3.9	1.67	3.8	1.70	3.7	1.73	3.6	1.77
	-10.0	-11.0	4.6	1.68	4.4	1.72	4.3	1.75	4.2	1.79	4.1	1.82
	-5.0	-7.0	5.2	1.73	5.0	1.76	4.9	1.80	4.8	1.84	4.7	1.87
	0.0	-2.0	6.6	1.90	6.4	1.94	6.3	1.98	6.1	2.02	5.9	2.06
	5.0	3.0	7.4	1.90	7.2	1.94	7.0	1.98	6.8	2.02	6.7	2.06
	7.0	6.0	7.4	1.80	7.2	1.84	7.0	1.88	6.8	1.92	6.7	1.96
	10.0	8.0	7.4	1.69	7.2	1.73	7.0	1.77	6.8	1.80	6.7	1.84
	15.0	10.0	7.4	1.55	7.2	1.59	7.0	1.62	6.8	1.65	6.7	1.68
23	20.0	15.0	7.4	1.31	7.2	1.34	7.0	1.37	6.8	1.40	6.7	1.42
	24.0	18.0	7.4	1.15	7.2	1.18	7.0	1.20	6.8	1.23	6.7	1.25
	-15.0	-16.0	4.0	1.63	3.9	1.67	3.8	1.70	3.7	1.73	3.6	1.77
	-10.0	-11.0	4.6	1.68	4.4	1.72	4.3	1.75	4.2	1.79	4.1	1.82
	-5.0	-7.0	5.2	1.73	5.0	1.76	4.9	1.80	4.8	1.84	4.7	1.87
	0.0	-2.0	6.6	1.90	6.4	1.94	6.3	1.98	6.1	2.02	5.9	2.06
	5.0	3.0	7.4	1.90	7.2	1.94	7.0	1.98	6.8	2.02	6.7	2.06
	7.0	6.0	7.4	1.80	7.2	1.84	7.0	1.88	6.8	1.92	6.7	1.96
	10.0	8.0	7.4	1.69	7.2	1.73	7.0	1.77	6.8	1.80	6.7	1.84
21	15.0	10.0	7.4	1.55	7.2	1.59	7.0	1.62	6.8	1.65	6.7	1.68
	20.0	15.0	7.4	1.31	7.2	1.34	7.0	1.37	6.8	1.40	6.7	1.42
	24.0	18.0	7.4	1.15	7.2	1.18	7.0	1.20	6.8	1.23	6.7	1.25
	-15.0	-16.0	4.0	1.63	3.9	1.67	3.8	1.70	3.7	1.73	3.6	1.77
	-10.0	-11.0	4.6	1.68	4.4	1.72	4.3	1.75	4.2	1.79	4.1	1.82
	-5.0	-7.0	5.2	1.73	5.0	1.76	4.9	1.80	4.8	1.84	4.7	1.87
	0.0	-2.0	6.6	1.90	6.4	1.94	6.3	1.98	6.1	2.02	5.9	2.06
	5.0	3.0	7.4	1.90	7.2	1.94	7.0	1.98	6.8	2.02	6.7	2.06
	7.0	6.0	7.4	1.80	7.2	1.84	7.0	1.88	6.8	1.92	6.7	1.96
19	10.0	8.0	7.4	1.69	7.2	1.73	7.0	1.77	6.8	1.80	6.7	1.84
	15.0	10.0	7.4	1.55	7.2	1.59	7.0	1.62	6.8	1.65	6.7	1.68
	20.0	15.0	7.4	1.31	7.2	1.34	7.0	1.37	6.8	1.40	6.7	1.42
	24.0	18.0	7.4	1.15	7.2	1.18	7.0	1.20	6.8	1.23	6.7	1.25
	-15.0	-16.0	4.0	1.63	3.9	1.67	3.8	1.70	3.7	1.73	3.6	1.77
	-10.0	-11.0	4.6	1.68	4.4	1.72	4.3	1.75	4.2	1.79	4.1	1.82
	-5.0	-7.0	5.2	1.73	5.0	1.76	4.9	1.80	4.8	1.84	4.7	1.87
	0.0	-2.0	6.6	1.90	6.4	1.94	6.3	1.98	6.1	2.02	5.9	2.06
	5.0	3.0	7.4	1.90	7.2	1.94	7.0	1.98	6.8	2.02	6.7	2.06
18	7.0	6.0	7.4	1.80	7.2	1.84	7.0	1.88	6.8	1.92	6.7	1.96
	10.0	8.0	7.4	1.69	7.2	1.73	7.0	1.77	6.8	1.80	6.7	1.84
	15.0	10.0	7.4	1.55	7.2	1.59	7.0	1.62	6.8	1.65	6.7	1.68
	20.0	15.0	7.4	1.31	7.2	1.34	7.0	1.37	6.8	1.40	6.7	1.42
	24.0	18.0	7.4	1.15	7.2	1.18	7.0	1.20	6.8	1.23	6.7	1.25
	-15.0	-16.0	4.0	1.63	3.9	1.67	3.8	1.70	3.7	1.73	3.6	1.77
	-10.0	-11.0	4.6	1.68	4.4	1.72	4.3	1.75	4.2	1.79	4.1	1.82
	-5.0	-7.0	5.2	1.73	5.0	1.76	4.9	1.80	4.8	1.84	4.7	1.87
	0.0	-2.0	6.6	1.90	6.4	1.94	6.3	1.98	6.1	2.02	5.9	2.06
16	5.0	3.0	7.4	1.90	7.2	1.94	7.0	1.98	6.8	2.02	6.7	2.06
	7.0	6.0	7.4	1.80	7.2	1.84	7.0	1.88	6.8	1.92	6.7	1.96
	10.0	8.0	7.4	1.69	7.2	1.73	7.0	1.77	6.8	1.80	6.7	1.84
	15.0	10.0	7.4	1.55	7.2	1.59	7.0	1.62	6.8	1.65	6.7	1.68
	20.0	15.0	7.4	1.31	7.2	1.34	7.0	1.37	6.8	1.40	6.7	1.42
	24.0	18.0	7.4	1.15	7.2	1.18	7.0	1.20	6.8	1.23	6.7	1.25
	-15.0	-16.0	3.6	1.46	3.5	1.49	3.4	1.52	3.4	1.55	3.3	1.58
	-10.0	-11.0	4.2	1.50	4.1	1.53	4.0	1.56	3.9	1.59	3.8	1.62
	-5.0	-7.0	4.7	1.55	4.6	1.58	4.5	1.61	4.4	1.64	4.3	1.67
14	0.0	-2.0	6.0	1.70	5.9	1.73	5.7	1.77	5.6	1.81	5.4	1.84
	5.0	3.0	6.7	1.70	6.6	1.73	6.4	1.77	6.2	1.81	6.1	1.84
	7.0	6.0	6.7	1.61	6.6	1.65	6.4	1.68	6.2	1.71	6.1	1.75
	10.0	8.0	6.7	1.51	6.6	1.55	6.4	1.58	6.2	1.61	6.1	1.64
	15.0	10.0	6.7	1.39	6.6	1.42	6.4	1.45	6.2	1.48	6.1	1.50
	20.0	15.0	6.7	1.17	6.6	1.20	6.4	1.22	6.2	1.25	6.1	1.27
	24.0	18.0	6.7	1.03	6.6	1.05	6.4	1.07	6.2	1.09	6.1	1.12
	-15.0	-16.0	3.2	1.22	3.1	1.24	3.0	1.27	2.9	1.30	2.9	1.32
	-10.0	-11.0	3.6	1.26	3.6	1.28	3.5	1.31	3.4	1.34	3.3	1.36
	-5.0	-7.0	4.1	1.30	4.0	1.32	3.9	1.35	3.8	1.38	3.7	1.40
	0.0	-2.0	5.3	1.43	5.1	1.46	5.0	1.49	4.9	1.52	4.8	1.55
	5.0	3.0	5.9	1.43	5.7	1.46	5.6	1.49	5.5	1.52	5.3	1.55
	7.0	6.0	5.9	1.35	5.7	1.38	5.6	1.41	5.5	1.44	5.3	1.47
	10.0	8.0	5.9	1.27	5.7	1.30	5.6	1.32	5.5	1.35	5.3	1.38
	15.0	10.0	5.9	1.17	5.7	1.19	5.6	1.21	5.5	1.24	5.3	1.26
	20.0	15.0	5.9	0.99	5.7	1.01	5.6	1.03	5.5	1.05	5.3	1.07
	24.0	18.0	5.9	0.86	5.7	0.88	5.6	0.90	5.5	0.92	5.3	0.94

NOTES:

- TC: Total Capacity (kW), IP: Input Power (kW)
- Values mentioned in the table are based on the following conditions:
 - Power source of specifications: 230 V
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- 2 or more indoor units should be connected.
- The total ability of connected a indoor unit is from 14,000 Btu/h up to 26,000 Btu/h.
- Input in the table are calculated based on the maximum indoor unit input combinations.

● Compact cassette type

Model: AUXG07KVLA

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.58	1.55	1.51	1.47	1.43
-10.0	-11.0	1.82	1.78	1.74	1.69	1.65
-5.0	-7.0	2.06	2.01	1.96	1.91	1.86
0.0	-2.0	2.63	2.56	2.50	2.44	2.38
5.0	3.0	2.94	2.87	2.80	2.73	2.66
7.0	6.0	2.94	2.87	2.80	2.73	2.66
10.0	8.0	2.94	2.87	2.80	2.73	2.66
15.0	10.0	2.94	2.87	2.80	2.73	2.66
20.0	15.0	2.94	2.87	2.80	2.73	2.66
24.0	18.0	2.94	2.87	2.80	2.73	2.66

Model: AUXG09KVLA

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.04	1.99	1.94	1.89	1.84
-10.0	-11.0	2.34	2.29	2.23	2.18	2.12
-5.0	-7.0	2.65	2.59	2.52	2.46	2.40
0.0	-2.0	3.38	3.30	3.22	3.14	3.06
5.0	3.0	3.78	3.69	3.60	3.51	3.42
7.0	6.0	3.78	3.69	3.60	3.51	3.42
10.0	8.0	3.78	3.69	3.60	3.51	3.42
15.0	10.0	3.78	3.69	3.60	3.51	3.42
20.0	15.0	3.78	3.69	3.60	3.51	3.42
24.0	18.0	3.78	3.69	3.60	3.51	3.42

Model: AUXG12KVLA

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.50	2.44	2.38	2.32	2.26
-10.0	-11.0	2.88	2.81	2.74	2.67	2.60
-5.0	-7.0	3.25	3.18	3.10	3.02	2.94
0.0	-2.0	4.15	4.05	3.95	3.85	3.75
5.0	3.0	4.64	4.53	4.42	4.31	4.20
7.0	6.0	4.64	4.53	4.42	4.31	4.20
10.0	8.0	4.64	4.53	4.42	4.31	4.20
15.0	10.0	4.64	4.53	4.42	4.31	4.20
20.0	15.0	4.64	4.53	4.42	4.31	4.20
24.0	18.0	4.64	4.53	4.42	4.31	4.20

Model: AUXG14KVLA

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.64	2.58	2.51	2.45	2.39
-10.0	-11.0	3.04	2.97	2.89	2.82	2.75
-5.0	-7.0	3.44	3.36	3.27	3.19	3.11
0.0	-2.0	4.38	4.28	4.17	4.07	3.96
5.0	3.0	4.90	4.79	4.67	4.55	4.44
7.0	6.0	4.90	4.79	4.67	4.55	4.44
10.0	8.0	4.90	4.79	4.67	4.55	4.44
15.0	10.0	4.90	4.79	4.67	4.55	4.44
20.0	15.0	4.90	4.79	4.67	4.55	4.44
24.0	18.0	4.90	4.79	4.67	4.55	4.44

NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

● Mini duct type

Model: ARXG07KSLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.58	1.55	1.51	1.47	1.43
-10.0	-11.0	1.82	1.78	1.74	1.69	1.65
-5.0	-7.0	2.06	2.01	1.96	1.91	1.86
0.0	-2.0	2.63	2.56	2.50	2.44	2.38
5.0	3.0	2.94	2.87	2.80	2.73	2.66
7.0	6.0	2.94	2.87	2.80	2.73	2.66
10.0	8.0	2.94	2.87	2.80	2.73	2.66
15.0	10.0	2.94	2.87	2.80	2.73	2.66
20.0	15.0	2.94	2.87	2.80	2.73	2.66
24.0	18.0	2.94	2.87	2.80	2.73	2.66

Model: ARXG09KSLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.04	1.99	1.94	1.89	1.84
-10.0	-11.0	2.34	2.29	2.23	2.18	2.12
-5.0	-7.0	2.65	2.59	2.52	2.46	2.40
0.0	-2.0	3.38	3.30	3.22	3.14	3.06
5.0	3.0	3.78	3.69	3.60	3.51	3.42
7.0	6.0	3.78	3.69	3.60	3.51	3.42
10.0	8.0	3.78	3.69	3.60	3.51	3.42
15.0	10.0	3.78	3.69	3.60	3.51	3.42
20.0	15.0	3.78	3.69	3.60	3.51	3.42
24.0	18.0	3.78	3.69	3.60	3.51	3.42

Model: ARXG12KSLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.50	2.44	2.38	2.32	2.26
-10.0	-11.0	2.88	2.81	2.74	2.67	2.60
-5.0	-7.0	3.25	3.18	3.10	3.02	2.94
0.0	-2.0	4.15	4.05	3.95	3.85	3.75
5.0	3.0	4.64	4.53	4.42	4.31	4.20
7.0	6.0	4.64	4.53	4.42	4.31	4.20
10.0	8.0	4.64	4.53	4.42	4.31	4.20
15.0	10.0	4.64	4.53	4.42	4.31	4.20
20.0	15.0	4.64	4.53	4.42	4.31	4.20
24.0	18.0	4.64	4.53	4.42	4.31	4.20

Model: ARXG14KSLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.64	2.58	2.51	2.45	2.39
-10.0	-11.0	3.04	2.97	2.89	2.82	2.75
-5.0	-7.0	3.44	3.36	3.27	3.19	3.11
0.0	-2.0	4.38	4.28	4.17	4.07	3.96
5.0	3.0	4.90	4.79	4.67	4.55	4.44
7.0	6.0	4.90	4.79	4.67	4.55	4.44
10.0	8.0	4.90	4.79	4.67	4.55	4.44
15.0	10.0	4.90	4.79	4.67	4.55	4.44
20.0	15.0	4.90	4.79	4.67	4.55	4.44
24.0	18.0	4.90	4.79	4.67	4.55	4.44

NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]

● Slim duct type

Model: ARXG07KLLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.58	1.55	1.51	1.47	1.43
-10.0	-11.0	1.82	1.78	1.74	1.69	1.65
-5.0	-7.0	2.06	2.01	1.96	1.91	1.86
0.0	-2.0	2.63	2.56	2.50	2.44	2.38
5.0	3.0	2.94	2.87	2.80	2.73	2.66
7.0	6.0	2.94	2.87	2.80	2.73	2.66
10.0	8.0	2.94	2.87	2.80	2.73	2.66
15.0	10.0	2.94	2.87	2.80	2.73	2.66
20.0	15.0	2.94	2.87	2.80	2.73	2.66
24.0	18.0	2.94	2.87	2.80	2.73	2.66

Model: ARXG09KLLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.04	1.99	1.94	1.89	1.84
-10.0	-11.0	2.34	2.29	2.23	2.18	2.12
-5.0	-7.0	2.65	2.59	2.52	2.46	2.40
0.0	-2.0	3.38	3.30	3.22	3.14	3.06
5.0	3.0	3.78	3.69	3.60	3.51	3.42
7.0	6.0	3.78	3.69	3.60	3.51	3.42
10.0	8.0	3.78	3.69	3.60	3.51	3.42
15.0	10.0	3.78	3.69	3.60	3.51	3.42
20.0	15.0	3.78	3.69	3.60	3.51	3.42
24.0	18.0	3.78	3.69	3.60	3.51	3.42

Model: ARXG12KLLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.50	2.44	2.38	2.32	2.26
-10.0	-11.0	2.88	2.81	2.74	2.67	2.60
-5.0	-7.0	3.25	3.18	3.10	3.02	2.94
0.0	-2.0	4.15	4.05	3.95	3.85	3.75
5.0	3.0	4.64	4.53	4.42	4.31	4.20
7.0	6.0	4.64	4.53	4.42	4.31	4.20
10.0	8.0	4.64	4.53	4.42	4.31	4.20
15.0	10.0	4.64	4.53	4.42	4.31	4.20
20.0	15.0	4.64	4.53	4.42	4.31	4.20
24.0	18.0	4.64	4.53	4.42	4.31	4.20

Model: ARXG14KLLAP

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.64	2.58	2.51	2.45	2.39
-10.0	-11.0	3.04	2.97	2.89	2.82	2.75
-5.0	-7.0	3.44	3.36	3.27	3.19	3.11
0.0	-2.0	4.38	4.28	4.17	4.07	3.96
5.0	3.0	4.90	4.79	4.67	4.55	4.44
7.0	6.0	4.90	4.79	4.67	4.55	4.44
10.0	8.0	4.90	4.79	4.67	4.55	4.44
15.0	10.0	4.90	4.79	4.67	4.55	4.44
20.0	15.0	4.90	4.79	4.67	4.55	4.44
24.0	18.0	4.90	4.79	4.67	4.55	4.44

NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

● Wall mounted type

Model: ASYG07KGTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.58	1.55	1.51	1.47	1.43
-10.0	-11.0	1.82	1.78	1.74	1.69	1.65
-5.0	-7.0	2.06	2.01	1.96	1.91	1.86
0.0	-2.0	2.63	2.56	2.50	2.44	2.38
5.0	3.0	2.94	2.87	2.80	2.73	2.66
7.0	6.0	2.94	2.87	2.80	2.73	2.66
10.0	8.0	2.94	2.87	2.80	2.73	2.66
15.0	10.0	2.94	2.87	2.80	2.73	2.66
20.0	15.0	2.94	2.87	2.80	2.73	2.66
24.0	18.0	2.94	2.87	2.80	2.73	2.66

Model: ASYG09KGTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.04	1.99	1.94	1.89	1.84
-10.0	-11.0	2.34	2.29	2.23	2.18	2.12
-5.0	-7.0	2.65	2.59	2.52	2.46	2.40
0.0	-2.0	3.38	3.30	3.22	3.14	3.06
5.0	3.0	3.78	3.69	3.60	3.51	3.42
7.0	6.0	3.78	3.69	3.60	3.51	3.42
10.0	8.0	3.78	3.69	3.60	3.51	3.42
15.0	10.0	3.78	3.69	3.60	3.51	3.42
20.0	15.0	3.78	3.69	3.60	3.51	3.42
24.0	18.0	3.78	3.69	3.60	3.51	3.42

Model: ASYG12KGTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.50	2.44	2.38	2.32	2.26
-10.0	-11.0	2.88	2.81	2.74	2.67	2.60
-5.0	-7.0	3.25	3.18	3.10	3.02	2.94
0.0	-2.0	4.15	4.05	3.95	3.85	3.75
5.0	3.0	4.64	4.53	4.42	4.31	4.20
7.0	6.0	4.64	4.53	4.42	4.31	4.20
10.0	8.0	4.64	4.53	4.42	4.31	4.20
15.0	10.0	4.64	4.53	4.42	4.31	4.20
20.0	15.0	4.64	4.53	4.42	4.31	4.20
24.0	18.0	4.64	4.53	4.42	4.31	4.20

Model: ASYG14KGTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.64	2.58	2.51	2.45	2.39
-10.0	-11.0	3.04	2.97	2.89	2.82	2.75
-5.0	-7.0	3.44	3.36	3.27	3.19	3.11
0.0	-2.0	4.38	4.28	4.17	4.07	3.96
5.0	3.0	4.90	4.79	4.67	4.55	4.44
7.0	6.0	4.90	4.79	4.67	4.55	4.44
10.0	8.0	4.90	4.79	4.67	4.55	4.44
15.0	10.0	4.90	4.79	4.67	4.55	4.44
20.0	15.0	4.90	4.79	4.67	4.55	4.44
24.0	18.0	4.90	4.79	4.67	4.55	4.44

Model: ASYG07KMTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.58	1.55	1.51	1.47	1.43
-10.0	-11.0	1.82	1.78	1.74	1.69	1.65
-5.0	-7.0	2.06	2.01	1.96	1.91	1.86
0.0	-2.0	2.63	2.56	2.50	2.44	2.38
5.0	3.0	2.94	2.87	2.80	2.73	2.66
7.0	6.0	2.94	2.87	2.80	2.73	2.66
10.0	8.0	2.94	2.87	2.80	2.73	2.66
15.0	10.0	2.94	2.87	2.80	2.73	2.66
20.0	15.0	2.94	2.87	2.80	2.73	2.66
24.0	18.0	2.94	2.87	2.80	2.73	2.66

Model: ASYG09KMTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.04	1.99	1.94	1.89	1.84
-10.0	-11.0	2.34	2.29	2.23	2.18	2.12
-5.0	-7.0	2.65	2.59	2.52	2.46	2.40
0.0	-2.0	3.38	3.30	3.22	3.14	3.06
5.0	3.0	3.78	3.69	3.60	3.51	3.42
7.0	6.0	3.78	3.69	3.60	3.51	3.42
10.0	8.0	3.78	3.69	3.60	3.51	3.42
15.0	10.0	3.78	3.69	3.60	3.51	3.42
20.0	15.0	3.78	3.69	3.60	3.51	3.42
24.0	18.0	3.78	3.69	3.60	3.51	3.42

Model: ASYG12KMTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.50	2.44	2.38	2.32	2.26
-10.0	-11.0	2.88	2.81	2.74	2.67	2.60
-5.0	-7.0	3.25	3.18	3.10	3.02	2.94
0.0	-2.0	4.15	4.05	3.95	3.85	3.75
5.0	3.0	4.64	4.53	4.42	4.31	4.20
7.0	6.0	4.64	4.53	4.42	4.31	4.20
10.0	8.0	4.64	4.53	4.42	4.31	4.20
15.0	10.0	4.64	4.53	4.42	4.31	4.20
20.0	15.0	4.64	4.53	4.42	4.31	4.20
24.0	18.0	4.64	4.53	4.42	4.31	4.20

Model: ASYG14KMTB

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.64	2.58	2.51	2.45	2.39
-10.0	-11.0	3.04	2.97	2.89	2.82	2.75
-5.0	-7.0	3.44	3.36	3.27	3.19	3.11
0.0	-2.0	4.38	4.28	4.17	4.07	3.96
5.0	3.0	4.90	4.79	4.67	4.55	4.44
7.0	6.0	4.90	4.79	4.67	4.55	4.44
10.0	8.0	4.90	4.79	4.67	4.55	4.44
15.0	10.0	4.90	4.79	4.67	4.55	4.44
20.0	15.0	4.90	4.79	4.67	4.55	4.44
24.0	18.0	4.90	4.79	4.67	4.55	4.44

OUTDOOR UNIT
AOYG14-18KBT2AOUTDOOR UNIT
AOYG14-18KBT2A

Model: ASYG07KETA, ASYG07KETA-B

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	1.58	1.55	1.51	1.47	1.43
-10.0	-11.0	1.82	1.78	1.74	1.69	1.65
-5.0	-7.0	2.06	2.01	1.96	1.91	1.86
0.0	-2.0	2.63	2.56	2.50	2.44	2.38
5.0	3.0	2.94	2.87	2.80	2.73	2.66
7.0	6.0	2.94	2.87	2.80	2.73	2.66
10.0	8.0	2.94	2.87	2.80	2.73	2.66
15.0	10.0	2.94	2.87	2.80	2.73	2.66
20.0	15.0	2.94	2.87	2.80	2.73	2.66
24.0	18.0	2.94	2.87	2.80	2.73	2.66

Model: ASYG09KETA, ASYG09KETA-B

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.04	1.99	1.94	1.89	1.84
-10.0	-11.0	2.34	2.29	2.23	2.18	2.12
-5.0	-7.0	2.65	2.59	2.52	2.46	2.40
0.0	-2.0	3.38	3.30	3.22	3.14	3.06
5.0	3.0	3.78	3.69	3.60	3.51	3.42
7.0	6.0	3.78	3.69	3.60	3.51	3.42
10.0	8.0	3.78	3.69	3.60	3.51	3.42
15.0	10.0	3.78	3.69	3.60	3.51	3.42
20.0	15.0	3.78	3.69	3.60	3.51	3.42
24.0	18.0	3.78	3.69	3.60	3.51	3.42

Model: ASYG12KETA, ASYG12KETA-B

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.50	2.44	2.38	2.32	2.26
-10.0	-11.0	2.88	2.81	2.74	2.67	2.60
-5.0	-7.0	3.25	3.18	3.10	3.02	2.94
0.0	-2.0	4.15	4.05	3.95	3.85	3.75
5.0	3.0	4.64	4.53	4.42	4.31	4.20
7.0	6.0	4.64	4.53	4.42	4.31	4.20
10.0	8.0	4.64	4.53	4.42	4.31	4.20
15.0	10.0	4.64	4.53	4.42	4.31	4.20
20.0	15.0	4.64	4.53	4.42	4.31	4.20
24.0	18.0	4.64	4.53	4.42	4.31	4.20

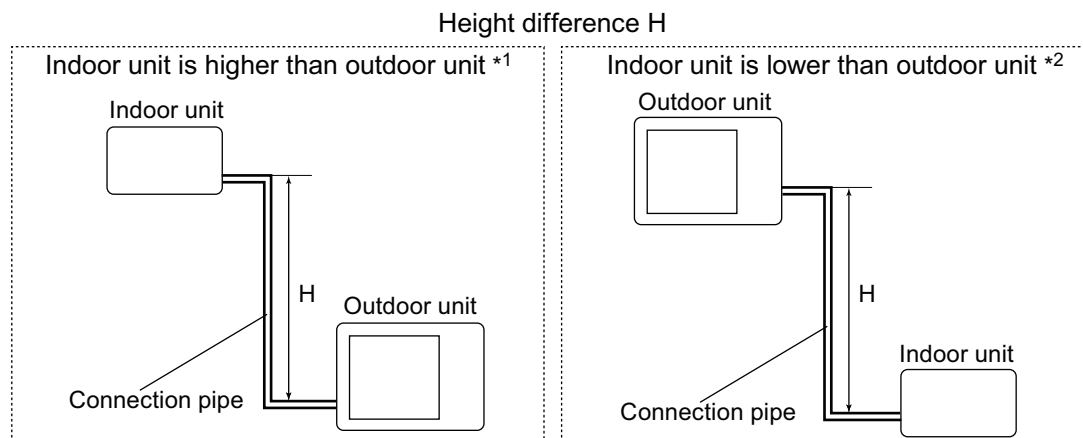
Model: ASYG14KETA, ASYG14KETA-B

Outdoor temperature		Indoor temperature (°CDB)				
		16.0	18.0	20.0	22.0	24.0
(°CDB)	(°CWB)	TC	TC	TC	TC	TC
-15.0	-16.0	2.64	2.58	2.51	2.45	2.39
-10.0	-11.0	3.04	2.97	2.89	2.82	2.75
-5.0	-7.0	3.44	3.36	3.27	3.19	3.11
0.0	-2.0	4.38	4.28	4.17	4.07	3.96
5.0	3.0	4.90	4.79	4.67	4.55	4.44
7.0	6.0	4.90	4.79	4.67	4.55	4.44
10.0	8.0	4.90	4.79	4.67	4.55	4.44
15.0	10.0	4.90	4.79	4.67	4.55	4.44
20.0	15.0	4.90	4.79	4.67	4.55	4.44
24.0	18.0	4.90	4.79	4.67	4.55	4.44

NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
 - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

7. Capacity compensation rate for pipe length and height difference



7-1. Model: AOYG14KBTA2

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

■ Indoor unit: 7,000 Btu/h

Cooling		Pipe length					
		m	2.5	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
		5	—	0.991	0.976	0.950	0.921
		2.5	0.993	0.993	0.978	0.952	0.923
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.985	0.959	0.930
		-2.5	1.000	1.000	0.985	0.959	0.930
		-5	—	1.000	0.985	0.959	0.930
		-10	—	—	0.985	0.959	0.930
		-15	—	—	—	0.959	0.930

Heating		Pipe length					
		m	2.5	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
		5	—	1.000	0.956	0.937	0.915
		2.5	0.990	1.000	0.956	0.937	0.915
	Indoor unit is lower than outdoor unit *2	0	0.990	1.000	0.956	0.937	0.915
		-2.5	0.986	0.996	0.952	0.933	0.911
		-5	—	0.994	0.950	0.931	0.909
		-10	—	—	0.946	0.928	0.906
		-15	—	—	—	0.923	0.901

Indoor unit: 9,000 Btu/h

Cooling		Pipe length					
		m	2.5	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
		5	—	0.991	0.968	0.938	0.905
		2.5	0.993	0.993	0.970	0.940	0.907
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.977	0.946	0.913
		-2.5	1.000	1.000	0.977	0.946	0.913
		-5	—	1.000	0.977	0.946	0.913
		-10	—	—	0.977	0.946	0.913
		-15	—	—	—	0.946	0.913

Heating		Pipe length					
		m	2.5	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
		5	—	1.000	0.956	0.937	0.914
		2.5	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
		-2.5	0.986	0.996	0.952	0.933	0.910
		-5	—	0.994	0.950	0.931	0.908
		-10	—	—	0.946	0.927	0.905
		-15	—	—	—	0.923	0.900

Indoor unit: 12,000 Btu/h

Cooling		Pipe length					
		m	2.5	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
		5	—	0.991	0.965	0.928	0.890
		2.5	0.993	0.993	0.967	0.930	0.893
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.974	0.936	0.899
		-2.5	1.000	1.000	0.974	0.936	0.899
		-5	—	1.000	0.974	0.936	0.899
		-10	—	—	0.974	0.936	0.899
		-15	—	—	—	0.936	0.899

Heating		Pipe length					
		m	2.5	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
		5	—	1.000	0.955	0.936	0.914
		2.5	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
		-2.5	0.988	0.996	0.951	0.932	0.910
		-5	—	0.994	0.949	0.930	0.908
		-10	—	—	0.945	0.927	0.905
		-15	—	—	—	0.922	0.900

7-2. Model: AOYG18KBTA2

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

Indoor unit: 7,000 Btu/h

Cooling		Pipe length					
		m	2.5	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
		5	—	0.991	0.980	0.955	0.928
		2.5	0.993	0.993	0.982	0.957	0.930
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.989	0.963	0.936
		-2.5	1.000	1.000	0.989	0.963	0.936
		-5	—	1.000	0.989	0.963	0.936
		-10	—	—	0.989	0.963	0.936
		-15	—	—	—	0.963	0.936

Heating		Pipe length					
		m	2.5	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
		5	—	1.000	0.959	0.942	0.925
		2.5	0.990	1.000	0.959	0.942	0.925
	Indoor unit is lower than outdoor unit *2	0	0.990	1.000	0.959	0.942	0.925
		-2.5	0.986	0.996	0.955	0.938	0.921
		-5	—	0.994	0.953	0.936	0.919
		-10	—	—	0.949	0.933	0.916
		-15	—	—	—	0.928	0.911

Indoor unit: 9,000 Btu/h

Cooling		Pipe length					
		m	2.5	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
		5	—	0.991	0.972	0.942	0.911
		2.5	0.993	0.993	0.974	0.944	0.913
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.981	0.951	0.920
		-2.5	1.000	1.000	0.981	0.951	0.920
		-5	—	1.000	0.981	0.951	0.920
		-10	—	—	0.981	0.951	0.920
		-15	—	—	—	0.951	0.920

Heating		Pipe length					
		m	2.5	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
		5	—	1.000	0.959	0.942	0.924
		2.5	0.990	1.000	0.959	0.942	0.924
	Indoor unit is lower than outdoor unit *2	0	0.990	1.000	0.959	0.942	0.924
		-2.5	0.986	0.996	0.955	0.938	0.920
		-5	—	0.994	0.953	0.936	0.918
		-10	—	—	0.949	0.932	0.915
		-15	—	—	—	0.928	0.910

Indoor unit: 12,000 Btu/h

Cooling		Pipe length					
		m	2.5	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
		5	—	0.991	0.969	0.933	0.897
		2.5	0.993	0.993	0.971	0.935	0.899
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.978	0.941	0.905
		-2.5	1.000	1.000	0.978	0.941	0.905
		-5	—	1.000	0.978	0.941	0.905
		-10	—	—	0.978	0.941	0.905
		-15	—	—	—	0.941	0.905

Heating		Pipe length					
		m	2.5	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
		5	—	1.000	0.958	0.941	0.924
		2.5	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
		-2.5	0.988	0.996	0.954	0.937	0.920
		-5	—	0.994	0.952	0.935	0.918
		-10	—	—	0.948	0.932	0.915
		-15	—	—	—	0.927	0.910

Indoor unit: 14,000 Btu/h

Cooling		Pipe length					
		m	2.5	5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.913	0.873
		10	—	—	0.959	0.919	0.882
		5	—	0.991	0.967	0.927	0.888
		2.5	0.993	0.993	0.969	0.929	0.890
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.976	0.934	0.895
		-2.5	1.000	1.000	0.976	0.934	0.895
		-5	—	1.000	0.976	0.934	0.895
		-10	—	—	0.976	0.934	0.895
		-15	—	—	—	0.934	0.895

Heating		Pipe length					
		m	3	7.5	10	15	20
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.940	0.924
		10	—	—	0.957	0.940	0.924
		5	—	1.000	0.957	0.940	0.924
		2.5	0.993	1.000	0.957	0.940	0.924
	Indoor unit is lower than outdoor unit *2	0	0.993	1.000	0.957	0.940	0.924
		-2.5	0.989	0.996	0.953	0.936	0.920
		-5	—	0.994	0.951	0.934	0.918
		-10	—	—	0.947	0.932	0.915
		-15	—	—	—	0.926	0.910

8. Additional charge calculation

8-1. Model: AOYG14KBTA2

Refrigerant type		R32
Refrigerant amount	g	900

■ Refrigerant charge

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

8-2. Model: AOYG18KBTA2

Refrigerant type		R32
Refrigerant amount	g	1,020

■ Refrigerant charge

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

9. Airflow

9-1. Model: AOYG14KBTA2

● Cooling

m ³ /h	1,670
l/s	464
CFM	983

● Heating

m ³ /h	1,670
l/s	464
CFM	983

9-2. Model: AOYG18KBTA2

● Cooling

m ³ /h	1,960
l/s	544
CFM	1,154

● Heating

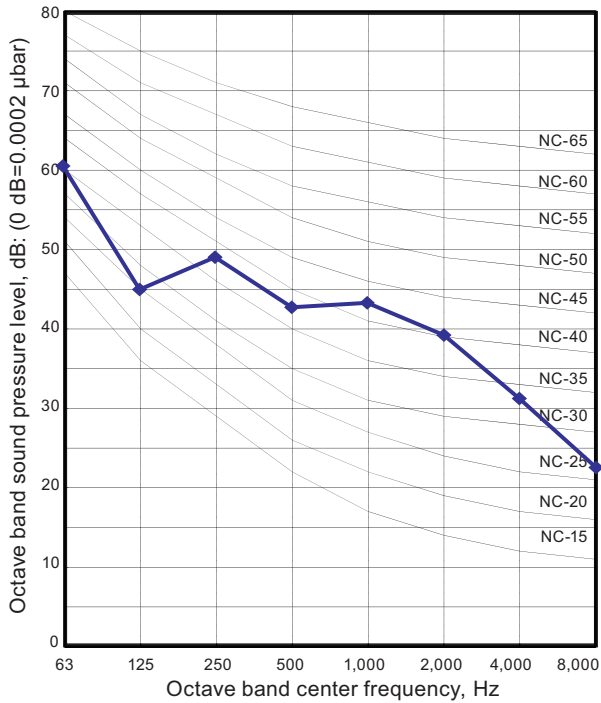
m ³ /h	2,020
l/s	561
CFM	1,189

10. Operation noise (sound pressure)

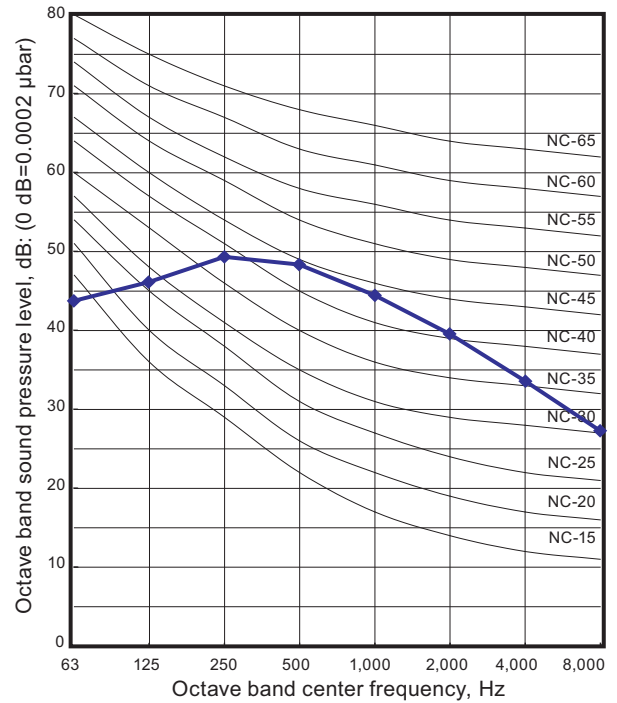
10-1. Noise level curve

■ Model: AOYG14KBTA2

● Cooling

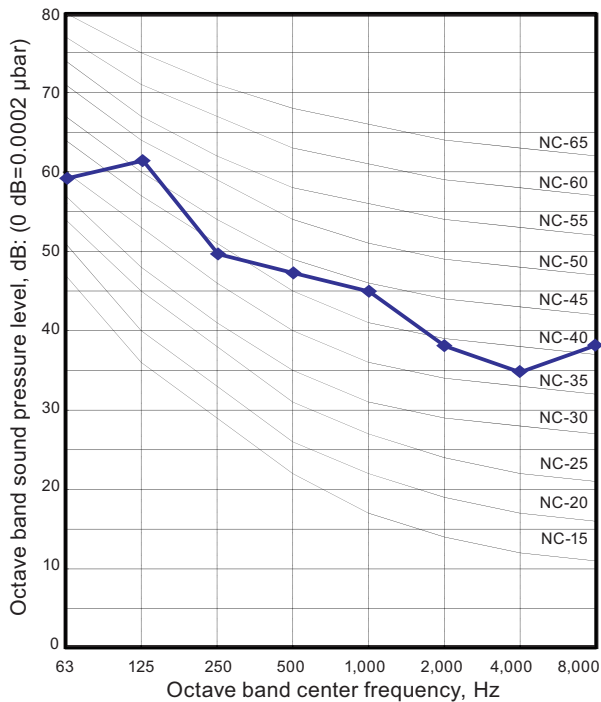


● Heating

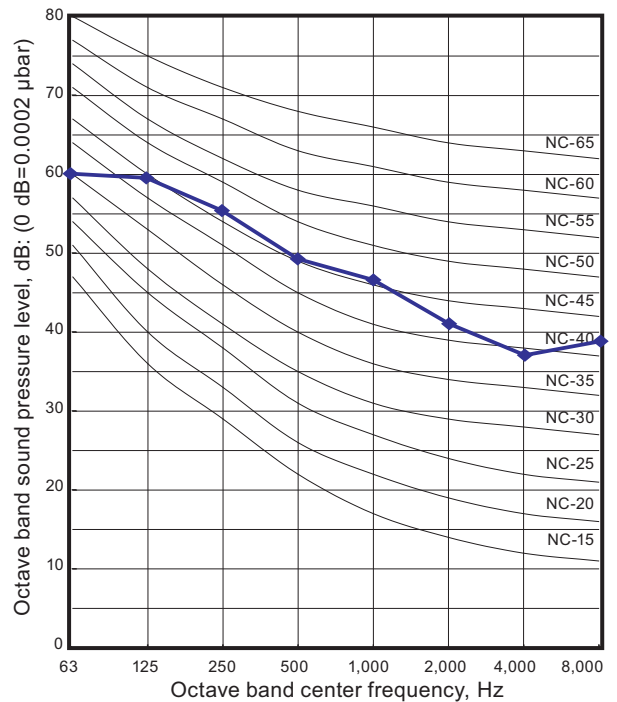


■ Model: AOYG18KBTA2

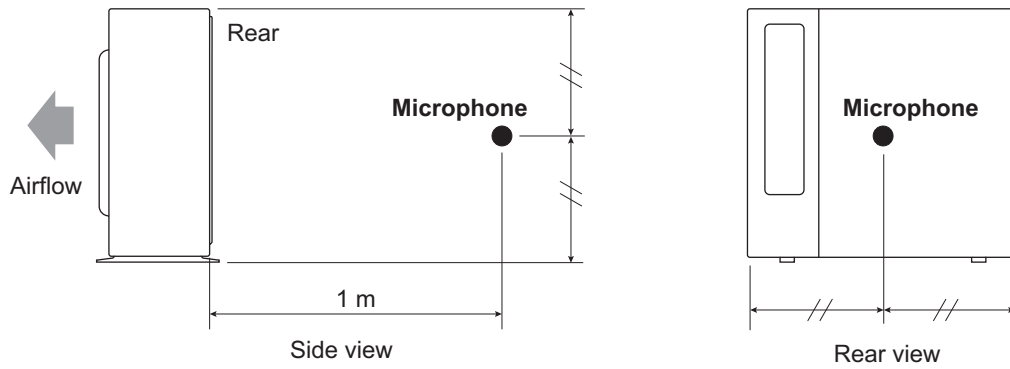
● Cooling



● 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			AOYG14KBTA2	AOYG18KBTA2
Power supply	Voltage	V	230 ~	
	Frequency	Hz	50	
Maximum operating current *1		A	10.9	11.6
Starting current		A	4.7	5.6
Wiring spec. *2	Main fuse (Circuit breaker) current		A	15
	Power cable		mm ²	1.5
	Connection cable *3	Cross-sectional area		1.5
		Limited wiring length	m	21

*1: Maximum operating 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	
			AOYG14KBTA2	AOYG18KBTA2
Circuit protection	Current fuse (Main PCB)		250 V, 5 A 250 V, 20 A 250 V, 3.15 A	250 V, 5 A 250 V, 25 A 250 V, 3.15 A
Fan motor protection	Thermal protector	Activate	127 ±5 °C Fan motor stop	125 ±10 °C Fan motor stop
		Reset	95 °C or less Fan motor restart	120 ±10 °C Fan motor restart
Compressor protection	Temperature thermistor (Discharge temp.)	Activate	110 °C Compressor stop	
		Reset	After 7 minutes Compressor restart	
	Temperature thermistor (Compressor bottom temp.)	Activate	—	108 °C Compressor stop
		Reset	—	After 3 minutes, and 80 °C or less Compressor restart
	Thermal protection program (Outdoor temp.) (Only in COOL or DRY mode)	Activate	-20 °C Compressor stop	
		Reset	-15 °C Compressor restart	

13. Accessories

13-1. Models: AOYG14KBTA2 and AOYG18KBTA2

Part name	Exterior	Q'ty	Part name	Exterior	Q'ty
Installation manual		1	Drain pipe		1

14. Outdoor unit installation precautions

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

14-1. Places 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 affected by heat radiation from other heat sources.
- Places where the air is 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 large such as a factory.

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 212.
- 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.