

2. OUTDOOR UNIT (2 ROOMS TYPE)

MULTI TYPE :

AO*G14LAC2

AO*G18LAC2

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2. OUTDOOR UNIT (2 ROOMS TYPE)

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1. SPECIFICATIONS

The following performance is a value at standard combinations.

■ STANDARD COMBINATION

AO*G14LAC2 : AS*G07LJCA + AS*G07LJCA

AO*G18LAC2 : AS*G09LJCA + AS*G09LJCA

Type				INVERTER MULTI MODELS	
				HEAT PUMP TYPE	
Model name				AO*G14LAC2	AO*G18LAC2
Power source				230V ~ 50Hz	
Available voltage range				198-264V ~ 50Hz	
European energy label			Cooling	A	A
			Heating	A	A
Capacity	Cooling	Rated	kW	4.0	5.0
			Btu/h	13600	17100
		Min. - Max.	kW	1.4 - 4.4	1.7 - 5.6
			Btu/h	4700 - 15000	5800 - 19100
	Heating	Rated	kW	4.4	5.6
			Btu/h	15000	19100
		Min. - Max.	kW	1.1 - 5.4	1.8 - 6.1
			Btu/h	3700 - 18400	6100 - 20800
Input power	Cooling	Rated	kW	1.09	1.56
		Max.		1.40	1.95
	Heating	Rated		1.03	1.41
		Max.		1.78	1.90
Current	Cooling	Rated	A	5.1	6.9
		Max.		6.7	8.7
	Heating	Rated		4.9	6.3
		Max.		8.5	9.2
EER	Cooling	Rated	kW/kW	3.67	3.21
COP	Heating			4.27	3.97
Starting current			A	4.9	6.3
Fan	Airflow rate	Cooling	m³/h	1850	2050
		Heating		1850	2050
	Type x Q'ty			Propeller × 1	
	Motor output			W	50
Sound pressure level	Cooling		dB(A)	47	50
	Heating			49	51
Heat exchanger type	Dimension (H × W × D)		mm	504 × 850 × 36.4	
	Fin pitch			1.4	
	Rows x Stages		2 × 24		
	Pipe type		Copper tube		
	Fin type		Aluminium		
Compressor	Type x Q'ty		W	DC ROTARY × 1	DC TWIN ROTARY × 1
	Motor output			750	900
Refrigerant	Type		g	R410A	
	Charge			1250	1300
Refrigerant oil	Type			POE	
Enclosure	Material			Steel sheet	
	Colour			BEIGE (Approximate colour of MUNSELL 10YR7.5 / 1.0NN)	
Dimensions (H × W × D)	Net		mm	540 × 790 × 290	
	Gross			648 × 910 × 380	
Weight	Net		kg	37	38
	Gross			41	42
Connection pipe	Size	Liquid	mm	Ø6.35 (Ø1/4 in.) × 2	
		Gas		Ø9.52 (Ø3/8 in.) × 2	Ø9.52 (Ø3/8in.) × 2, [Ø12.70 (Ø1/2in.)] *1
	Method		m	Flare	
	Pre-charge length (Total)			20	
	Max. length (Total)			30	
	Max. length (Each)			20	
	Min. length (Total)			6	
	Min. length (Each)			3	
	Max. height difference between Outdoor Unit and each Indoor Units.			15	
	Max. height difference between Indoor Units.			10	
Operation range	Cooling		°C	10 to 46	
	Heating			-15 to 24	

*1: Connect to connection valve by the adapter

Note :

Specifications are based on the following conditions.

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

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

Pipe length : 7.5m, Height difference : 0m. (Outdoor unit - indoor unit)

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

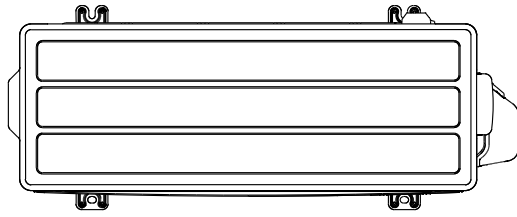
2. DIMENSIONS

■ MODEL: AO*G14L2, AO*G18L2

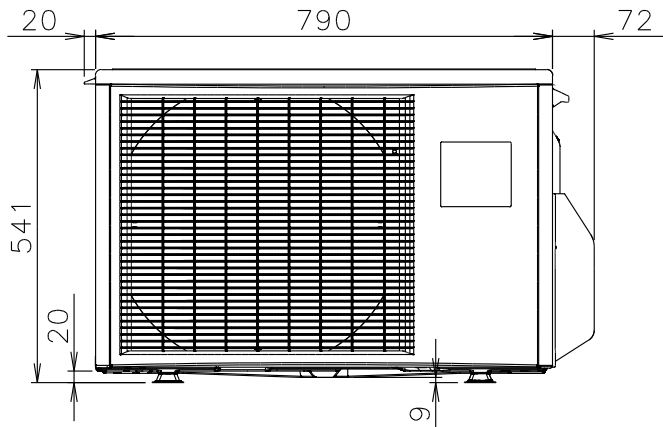
(Unit : mm)

OUTDOOR UNIT
AO*G14-18L2

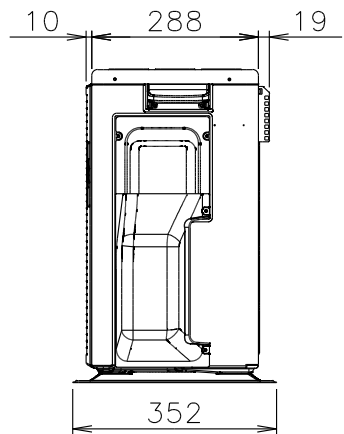
OUTDOOR UNIT
AO*G14-18L2



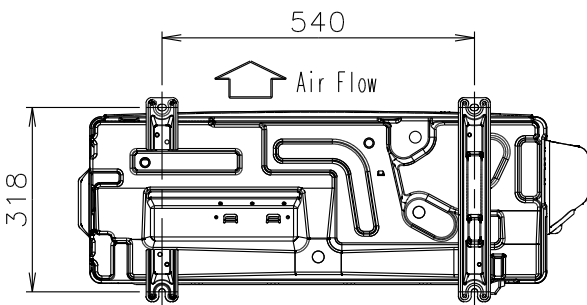
Top view



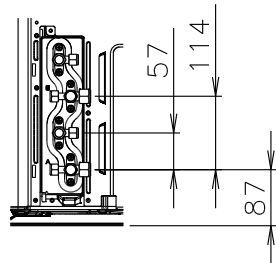
Front view



Side view



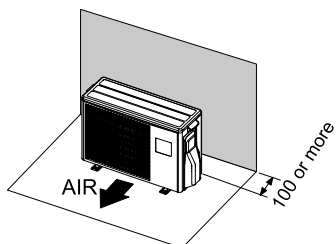
Bottom view



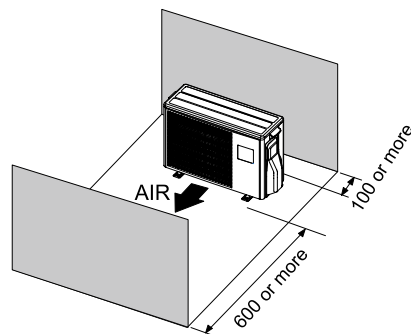
■ INSTALLATION PLACE

(Unit : mm)

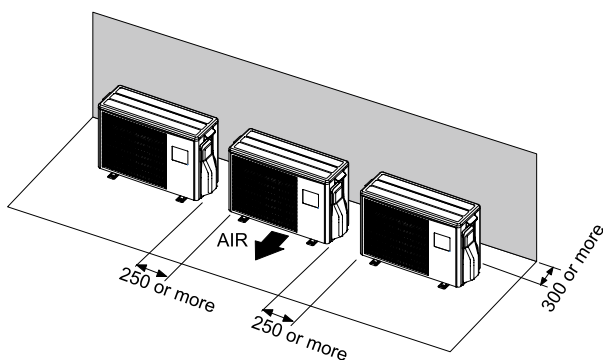
When there are obstacles at the back side.



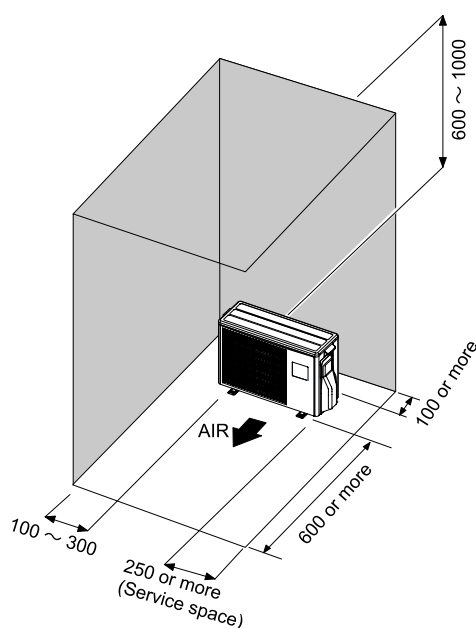
When there are obstacles at the back or front sides.



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



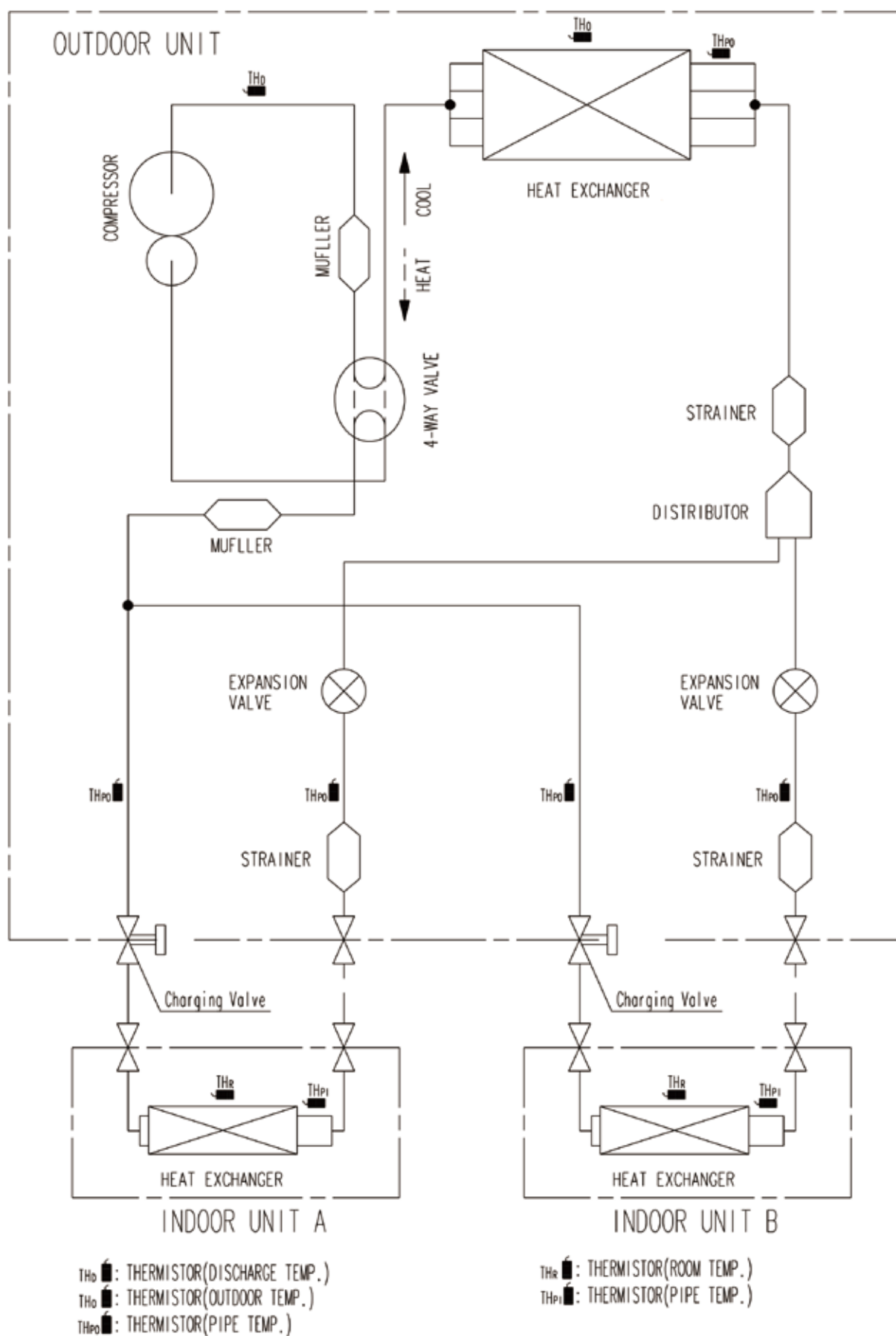
When there are obstacles at the back, side with the installation of more than one unit.



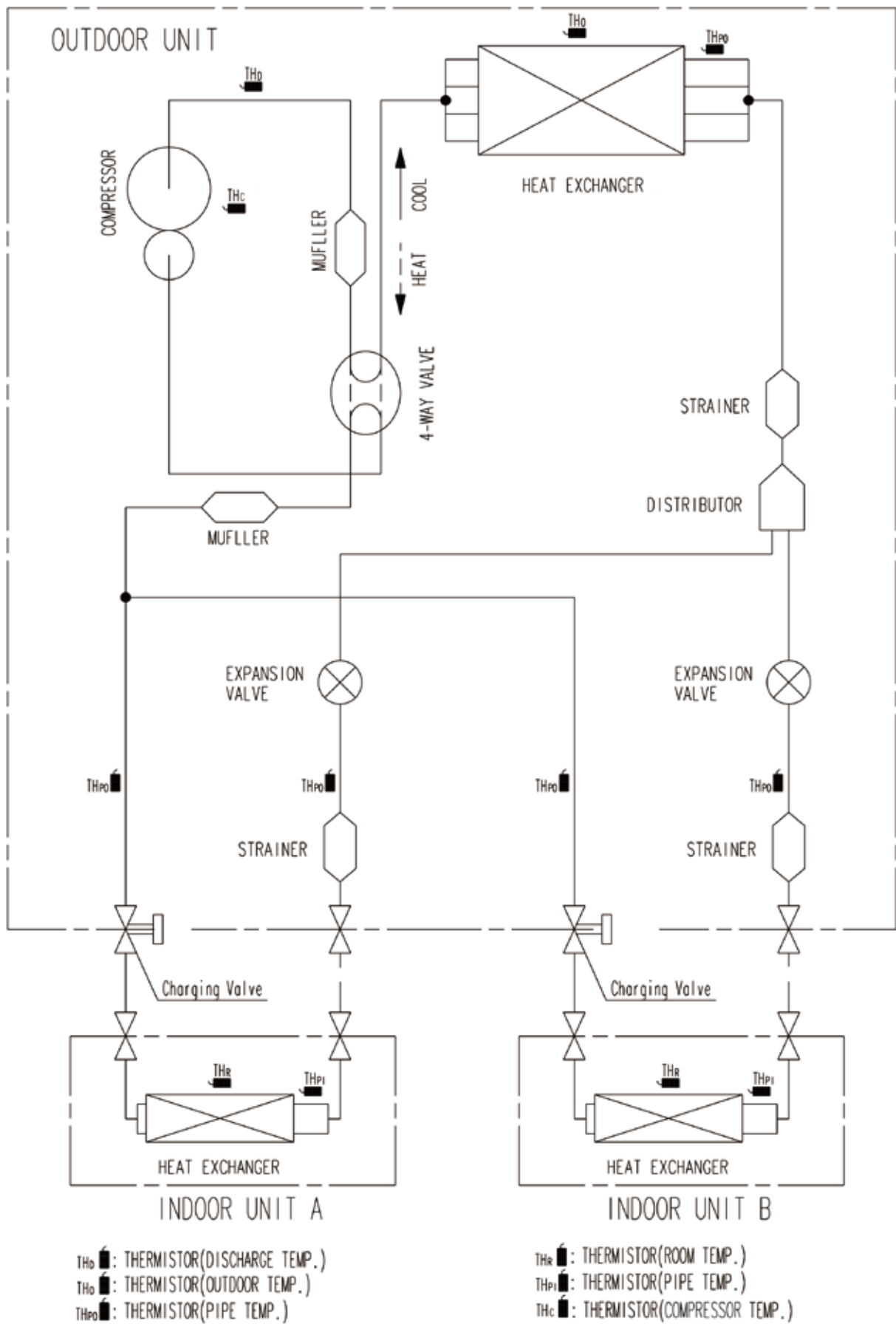
*If the space is larger that is stated, the condition will be the same as that are no obstacles.

3. REFRIGERANT CIRCUIT

■ MODEL: AO*G14L2

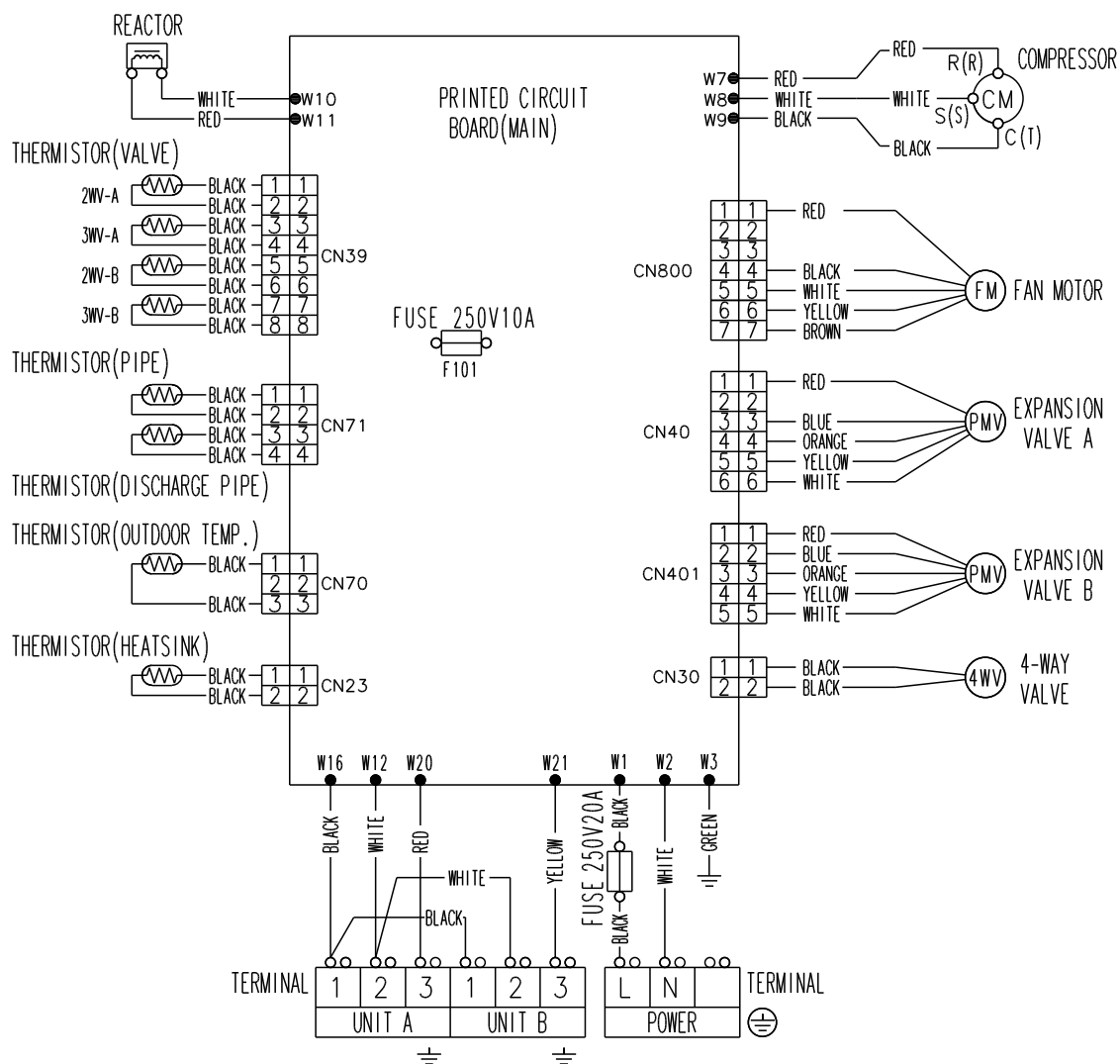


■ MODEL: AO*G18L2



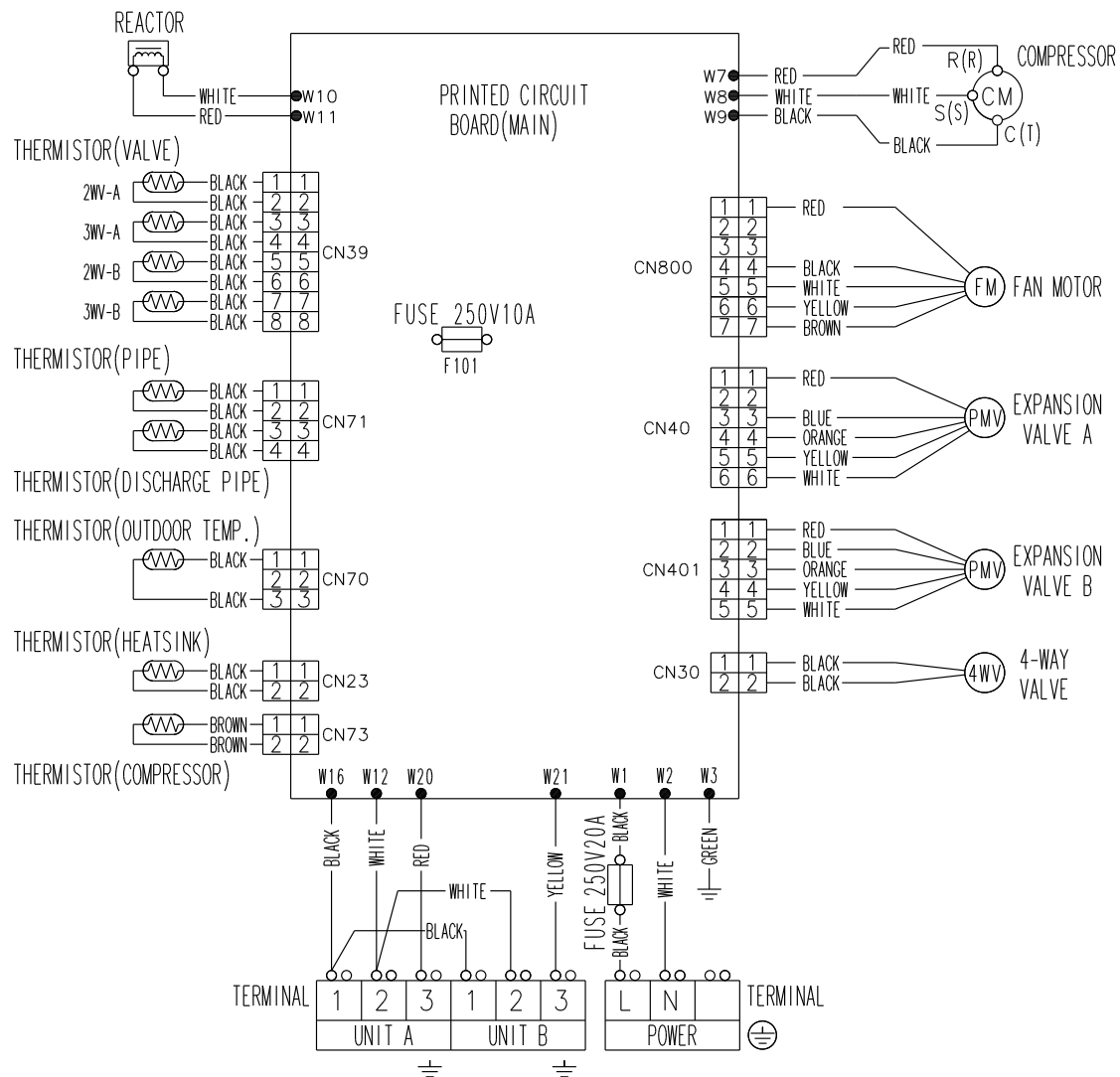
4. WIRING DIAGRAMS

■ MODEL: AO*G14L2



■ MODEL: AO*G18L2

OUTDOOR UNIT
AO*G14-18L2



OUTDOOR UNIT
AO*G14-18L2

5. CAPACITY TABLE

5-1. COMBINATIONS

■ MODEL: AO*G14L2

● Cooling

	Combination of indoor unit			Cooling capacity for each indoor unit Rated (kW)		Cooling capacity for each indoor unit Max. (kW)		Total cooling capacity (kW)			Total input (kW)			Annual energy consumption (kW/h)	EER (W/W)	Energy Efficiency Class
	room 1	room 2	total	room 1	room 2	room 1	room 2	min.	rated	max.	min.	rated	max.			
min. 14 kBtu max. 21 kBtu	7	-	7	2.10	-	2.70	-	1.20	2.10	2.70	0.30	0.59	0.76	295	3.56	A
	9	-	9	2.50	-	3.20	-	1.20	2.50	3.20	0.30	0.65	1.03	325	3.85	A
	12	-	12	3.50	-	3.70	-	1.20	3.50	3.70	0.30	1.04	1.21	520	3.37	A
	7	7	14	2.00	2.00	2.20	2.20	1.40	4.00	4.40	0.35	1.09	1.40	545	3.67	A
	7	9	16	1.95	2.05	2.05	2.35	1.40	4.00	4.40	0.35	1.09	1.40	545	3.67	A
	7	12	19	1.65	2.35	1.90	2.70	1.40	4.00	4.60	0.35	1.05	1.47	525	3.81	A
	9	9	18	2.00	2.00	2.25	2.25	1.40	4.00	4.50	0.35	1.09	1.43	545	3.67	A
	9	12	21	1.70	2.30	2.05	2.65	1.40	4.00	4.70	0.35	1.05	1.47	525	3.81	A

● Heating

	Combination of indoor unit			Heating capacity for each indoor unit Rated (kW)		Heating capacity for each indoor unit Max. (kW)		Total heating capacity (kW)			Total input (kW)			Annual energy consumption (kW/h)	COP (W/W)	Energy Efficiency Class
	room 1	room 2	total	room 1	room 2	room 1	room 2	min.	rated	max.	min.	rated	max.			
min. 14 kBtu max. 21 kBtu	7	-	7	2.70	-	3.30	-	0.90	2.70	3.30	0.25	0.64	0.89	320	4.22	A
	9	-	9	3.30	-	4.20	-	0.90	3.30	4.20	0.25	0.87	1.37	435	3.79	A
	12	-	12	4.00	-	4.80	-	0.90	4.00	4.80	0.25	1.13	1.59	565	3.54	A
	7	7	14	2.20	2.20	2.70	2.70	1.10	4.40	5.40	0.25	1.03	1.78	515	4.27	A
	7	9	16	2.15	2.25	2.55	2.85	1.10	4.40	5.40	0.25	1.03	1.78	515	4.27	A
	7	12	19	1.95	2.45	2.60	2.90	1.10	4.40	5.50	0.25	1.02	1.76	510	4.31	A
	9	9	18	2.20	2.20	2.70	2.70	1.10	4.40	5.40	0.25	1.03	1.78	515	4.27	A
	9	12	21	2.00	2.40	2.65	2.85	1.10	4.40	5.50	0.25	1.02	1.76	510	4.31	A

Notes:

- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h models.
- 2 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB / 19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB / 6 °CWB (outdoor temperature).
- Pipe length :7.5m, Height difference :0m. (Outdoor unit - indoor unit)
- The total ability of connected a indoor unit is up to 21000 Btu from 14000 Btu.

■ MODEL: AO*G18L2

● Cooling

	Combination of indoor unit			Cooling capacity for each indoor unit Rated (kW)		Cooling capacity for each indoor unit Max. (kW)		Total cooling capacity (kW)			Total input (kW)			Annual energy consumption (kW/h)	EER (W/W)	Energy Efficiency Class
	room 1	room 2	total	room 1	room 2	room 1	room 2	min.	rated	max.	min.	rated	max.			
min. 14 kBtu max. 24 kBtu	7	-	7	2.10	-	2.70	-	1.4	2.10	2.70	0.30	0.48	0.72	240	4.38	A
	9	-	9	2.50	-	3.20	-	1.4	2.50	3.20	0.30	0.64	1.05	318	3.94	A
	12	-	12	3.50	-	3.70	-	1.4	3.50	3.70	0.30	1.02	1.34	510	3.43	A
	14	-	14	4.20	-	4.80	-	1.6	4.20	4.80	0.35	1.28	1.78	641	3.28	A
	7	7	14	2.10	2.10	2.60	2.60	1.7	4.20	5.20	0.35	1.24	1.68	620	3.39	A
	7	9	16	2.10	2.50	2.45	2.85	1.7	4.60	5.30	0.35	1.26	1.79	630	3.65	A
	7	12	19	1.90	3.10	2.30	3.30	1.7	5.00	5.60	0.35	1.55	1.95	775	3.23	A
	7	14	21	1.80	3.20	2.25	3.45	1.8	5.00	5.70	0.40	1.55	1.99	775	3.23	A
	9	9	18	2.50	2.50	2.80	2.80	1.7	5.00	5.60	0.35	1.56	1.95	780	3.21	A
	9	12	21	2.10	2.90	2.45	3.25	1.7	5.00	5.70	0.35	1.55	1.95	773	3.23	A
	9	14	23	2.00	3.00	2.40	3.40	1.8	5.00	5.80	0.40	1.55	1.99	773	3.23	A
	12	12	24	2.50	2.50	2.90	2.90	1.7	5.00	5.80	0.35	1.56	1.99	780	3.21	A

● Heating

	Combination of indoor unit			Heating capacity for each indoor unit Rated (kW)		Heating capacity for each indoor unit Max. (kW)		Total heating capacity (kW)			Total input (kW)			Annual energy consumption (kW/h)	COP (W/W)	Energy Efficiency Class
	room 1	room 2	total	room 1	room 2	room 1	room 2	min.	rated	max.	min.	rated	max.			
min. 14 kBtu max. 24 kBtu	7	-	7	2.70	-	3.30	-	1.4	2.70	3.30	0.40	0.64	1.07	320	4.22	A
	9	-	9	3.30	-	4.20	-	1.4	3.30	4.20	0.40	0.92	1.47	458	3.61	A
	12	-	12	4.00	-	4.80	-	1.4	4.00	4.80	0.40	1.14	1.70	570	3.51	B
	14	-	14	4.80	-	5.80	-	1.6	4.80	5.80	0.50	1.43	1.98	713	3.37	C
	7	7	14	2.70	2.70	3.00	3.00	1.8	5.40	6.00	0.50	1.24	1.61	618	4.37	A
	7	9	16	2.50	3.00	2.60	3.40	1.8	5.50	6.00	0.50	1.36	1.87	680	4.04	A
	7	12	19	2.30	3.30	2.40	3.70	1.8	5.60	6.10	0.50	1.38	1.88	690	4.06	A
	7	14	21	2.25	3.35	2.30	3.90	1.9	5.60	6.20	0.55	1.35	1.86	675	4.15	A
	9	9	18	2.80	2.80	3.05	3.05	1.8	5.60	6.10	0.50	1.41	1.90	705	3.97	A
	9	12	21	2.45	3.15	2.55	3.65	1.8	5.60	6.20	0.50	1.38	1.88	688	4.07	A
	9	14	23	2.35	3.25	2.45	3.85	1.9	5.60	6.30	0.55	1.35	1.86	675	4.15	A
	12	12	24	2.80	2.80	3.15	3.15	1.8	5.60	6.30	0.50	1.34	1.84	670	4.18	A

Notes:

- 7: 7000Btu/h, 9: 9000Btu/h, 12: 12000Btu/h, 14: 14000Btu/h models.
- 2 or more indoor units should be connected.
- Cooling capacity is based on 27 °CDB / 19 °CWB (indoor temperature), 35 °CDB (outdoor temperature).
- Heating capacity is based on 20 °CDB (indoor temperature), 7 °CDB / 6 °CWB (outdoor temperature).
- Pipe length :7.5m, Height difference :0m. (Outdoor unit - indoor unit)
- The total capacity of connected a indoor unit is up to 24000 Btu from 14000 Btu.
- Where "14" means "AS*G14LUCA". Other types of indoor units can not be connected.

5-2. COOLING CAPACITY

This table is created using the maximum capacity.

Note: 2 or more indoor units should be connected.

■ MODEL: AO*G14L2

● Indoor unit : 7000Btu

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

● Indoor unit : 9000Btu

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

● Indoor unit : 12000Btu

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

● Indoor unit : 7000Btu + 7000Btu

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

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

● Indoor unit : 7000Btu + 9000Btu

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

● Indoor unit : 7000Btu + 12000Btu

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

● Indoor unit : 9000Btu + 9000Btu

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

● Indoor unit : 9000Btu + 12000Btu

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

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

Note: 2 or more indoor units should be connected.

■ MODEL: AO*G18L2

● Indoor unit : 7000Btu

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

● Indoor unit : 9000Btu

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

● Indoor unit : 12000Btu

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

● Indoor unit : 14000Btu

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

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

● Indoor unit : 7000Btu + 7000Btu

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

● Indoor unit : 7000Btu + 9000Btu

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

● Indoor unit : 7000Btu + 12000Btu

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

● Indoor unit : 7000Btu + 14000Btu

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

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

● Indoor unit : 9000Btu + 9000Btu

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

● Indoor unit : 9000Btu + 12000Btu

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

● Indoor unit : 9000Btu + 14000Btu

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

● Indoor unit : 12000Btu + 12000Btu

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

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

5-3. HEATING CAPACITY

This table is created using the maximum capacity.

Note: 2 or more indoor units should be connected.

■ MODEL: AO*G14L2

● Indoor unit : 7000Btu

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

● Indoor unit : 9000Btu

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

● Indoor unit : 12000Btu

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

● Indoor unit : 7000Btu + 7000Btu

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

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

● Indoor unit : 7000Btu + 9000Btu

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

● Indoor unit : 7000Btu + 12000Btu

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

● Indoor unit : 9000Btu + 9000Btu

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

● Indoor unit : 9000Btu + 12000Btu

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

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

Note: 2 or more indoor units should be connected.

■ MODEL: AO*G18L2

● Indoor unit : 7000Btu

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

● Indoor unit : 9000Btu

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

● Indoor unit : 12000Btu

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

● Indoor unit : 14000Btu

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

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

● Indoor unit : 7000Btu + 7000Btu

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

● Indoor unit : 7000Btu + 9000Btu

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

● Indoor unit : 7000Btu + 12000Btu

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

● Indoor unit : 7000Btu + 14000Btu

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

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

● Indoor unit : 9000Btu + 9000Btu

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

● Indoor unit : 9000Btu + 12000Btu

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

● Indoor unit : 9000Btu + 14000Btu

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

● Indoor unit : 12000Btu + 12000Btu

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

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

6. CAPACITY COMPENSATION RATE FOR PIPE LENGTH AND HEIGHT DEFFERENCE

■ INDOOR UNIT : 7000Btu (AO*G14L2)

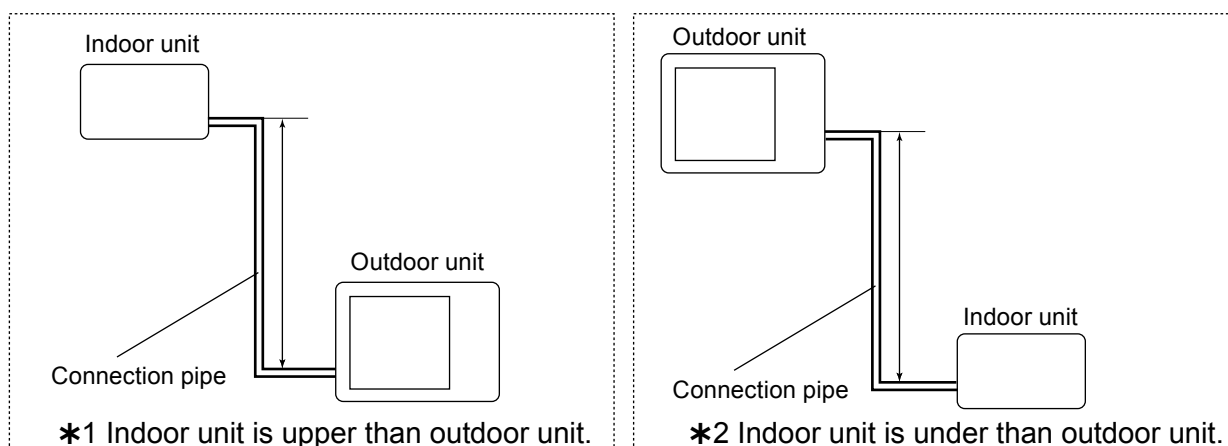
OUTDOOR UNIT
AO*G14-18L2

OUTDOOR UNIT
AO*G14-18L2

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

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

Height difference H

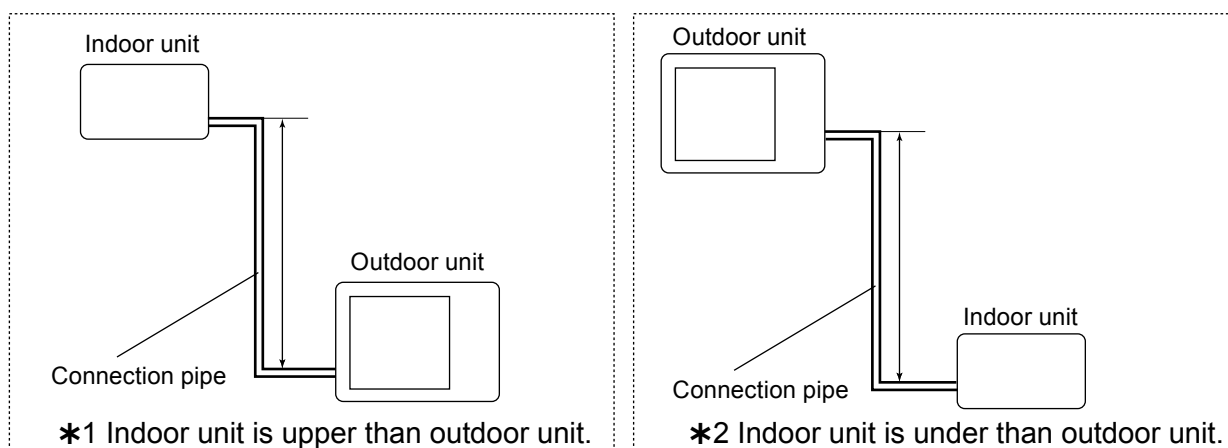


INDOOR UNIT : 7000Btu (AO*G18L2)

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

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

Height difference H

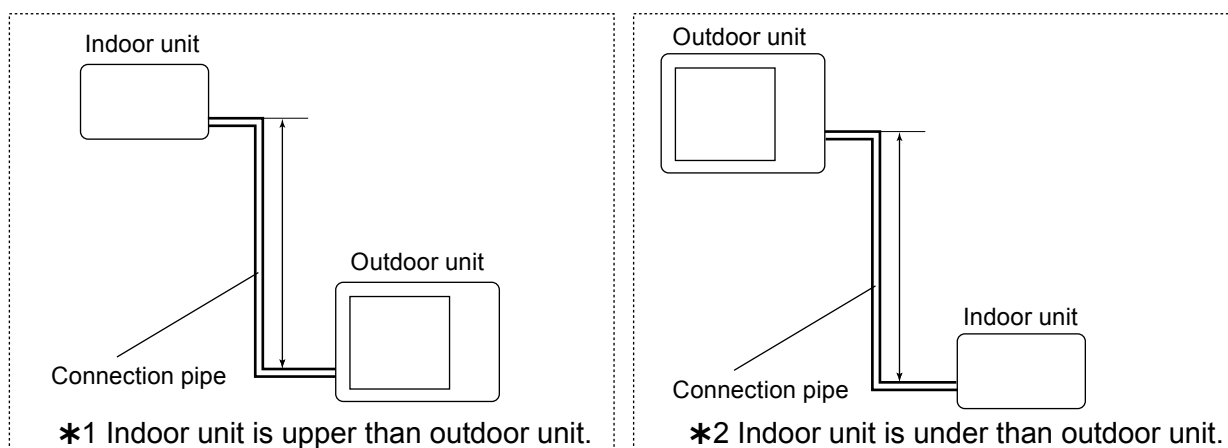


INDOOR UNIT : 9000Btu (AO*G14L2)

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

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

Height difference H

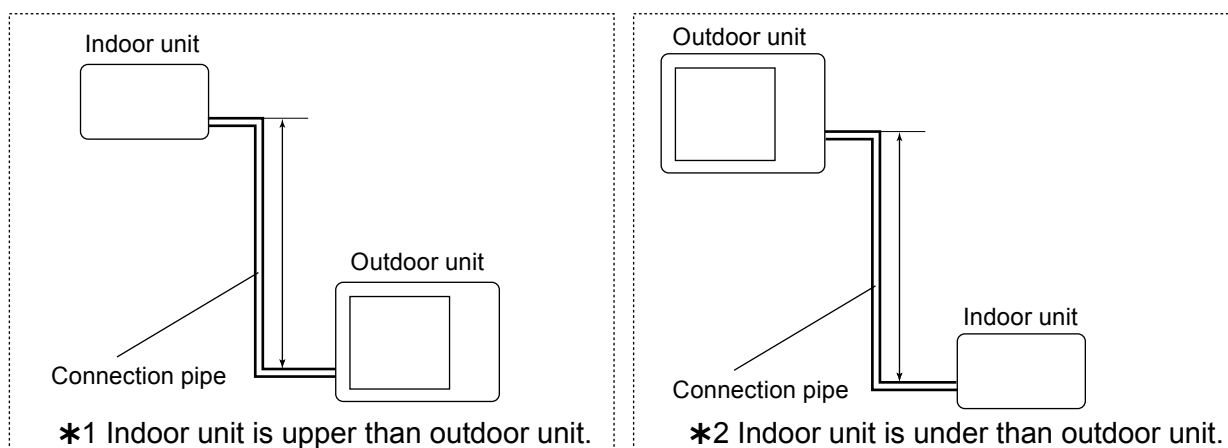


INDOOR UNIT : 9000Btu (AO*G18L2)

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

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

Height difference H

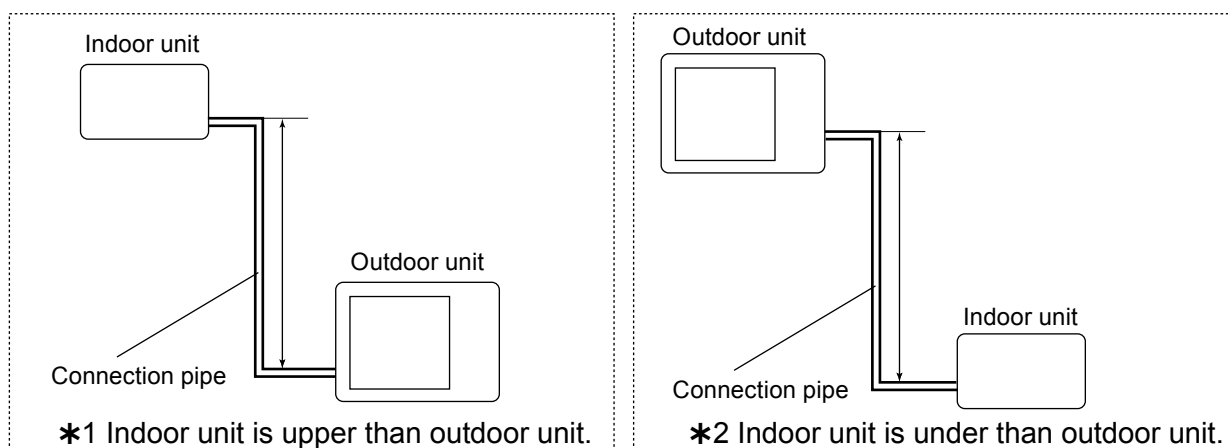


INDOOR UNIT : 12000Btu (AO*G14L2)

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

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

Height difference H

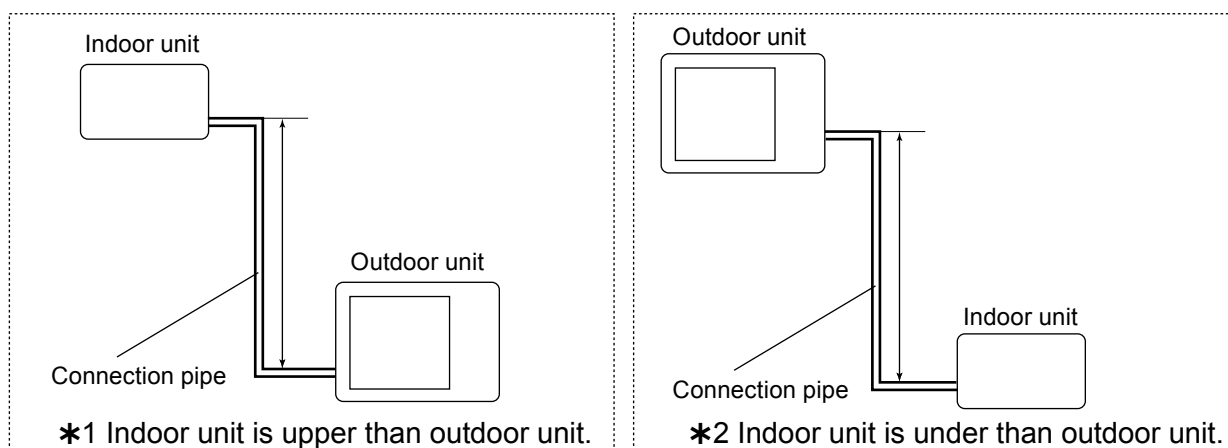


INDOOR UNIT : 12000Btu (AO*G18L2)

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

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

Height difference H

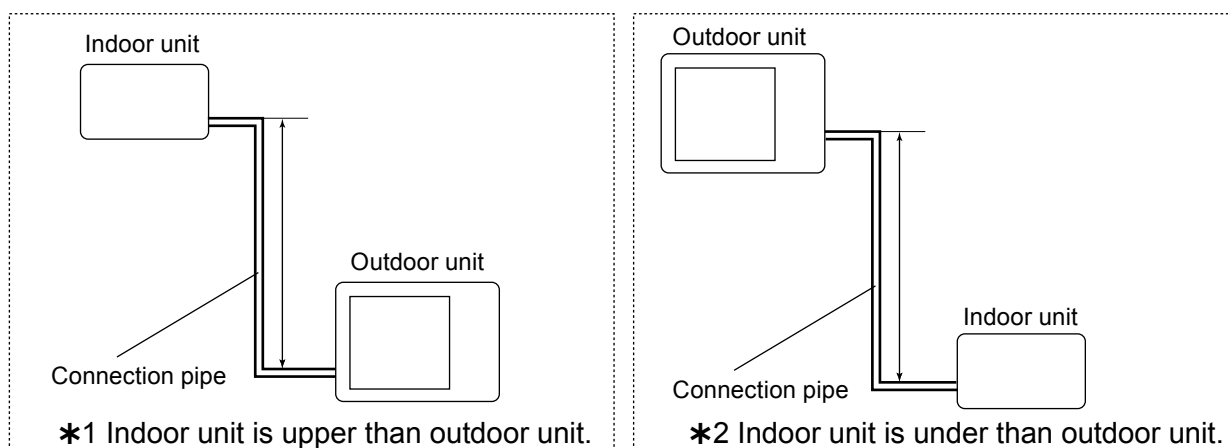


INDOOR UNIT : 14000Btu (AO*G18L2)

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

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

Height difference H



7. ADDITIONAL CHARGE CALCULATION

■ MODEL: AO*G14L2

Refrigerant type		R410A
Refrigerant amount	g	1250

● Refrigerant charge

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

■ MODEL: AO*G18L2

Refrigerant type		R410A
Refrigerant amount	g	1300

● Refrigerant charge

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

8. AIR FLOW

■ MODEL: AO*G14L2

● Cooling

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

● Heating

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

■ MODEL: AO*G18L2

● Cooling

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

● Heating

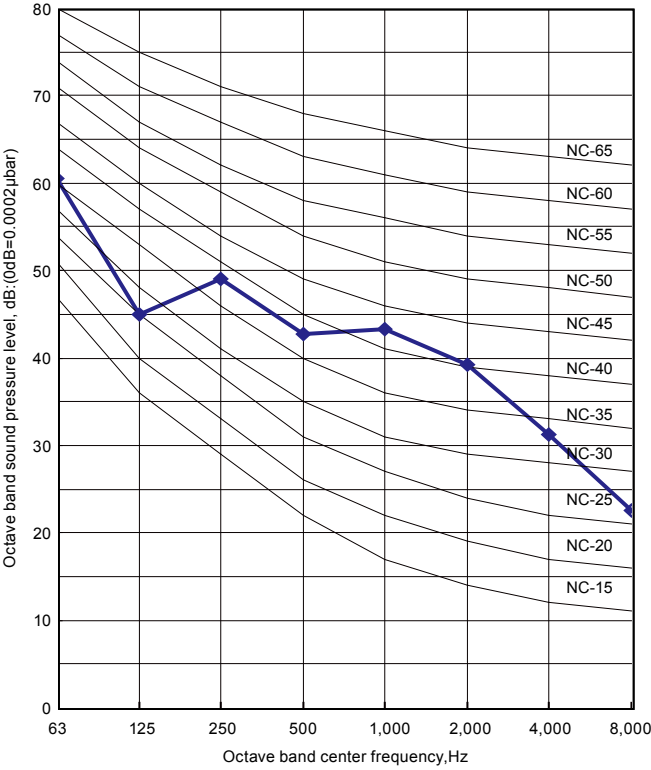
Number of rotations (r.p.m.)	Air flow	
900	m ³ /h	2050
	l/s	569
	CFM	1206

9. OPERATION NOISE

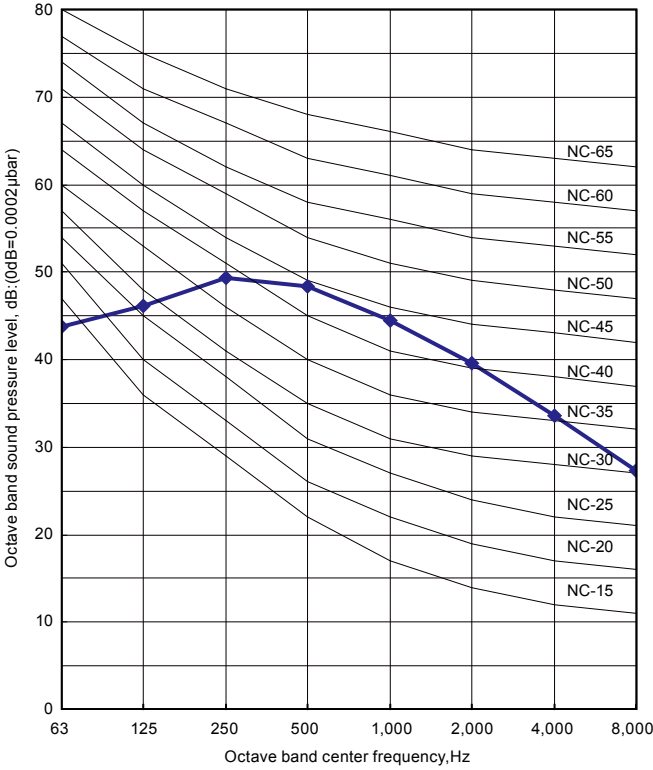
9-1. NOISE LEVEL CURVE

MODEL: AO*G14L2

Cooling

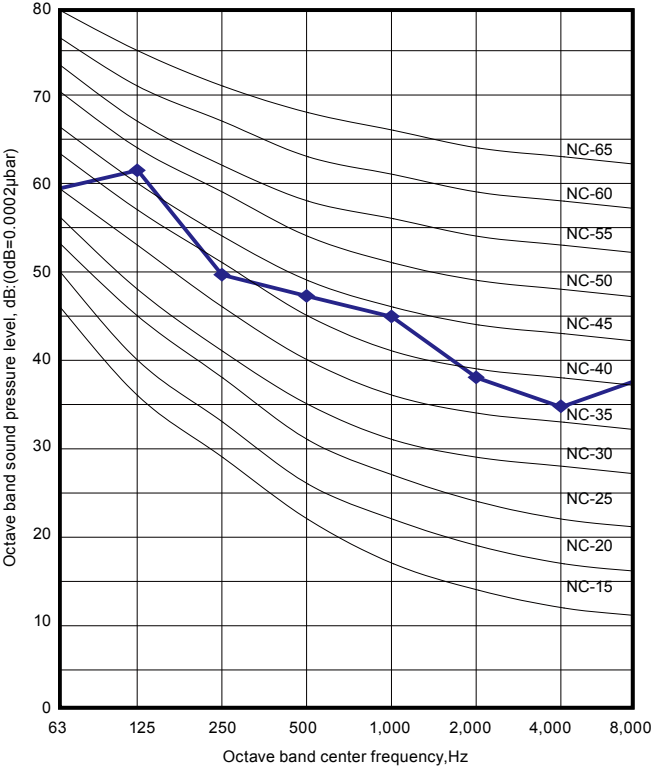


Heating

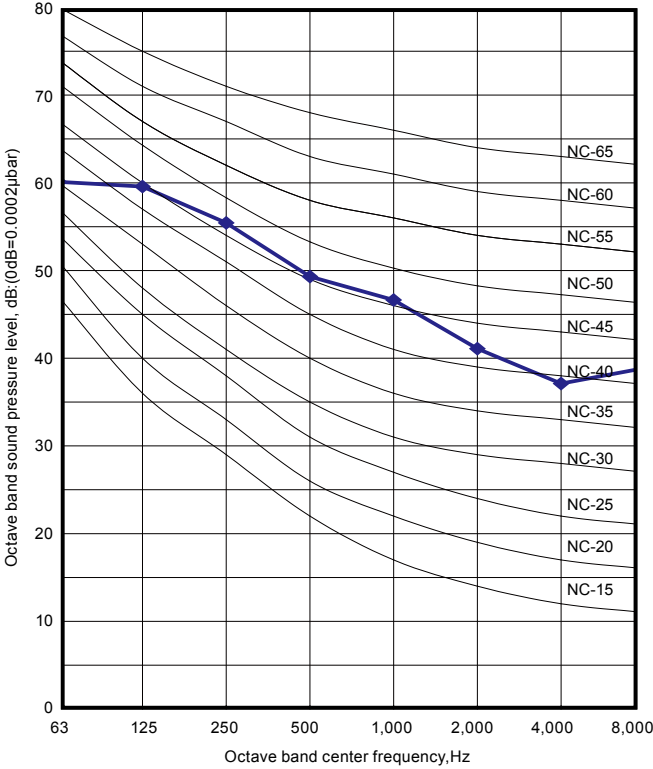


MODEL: AO*G18L2

Cooling

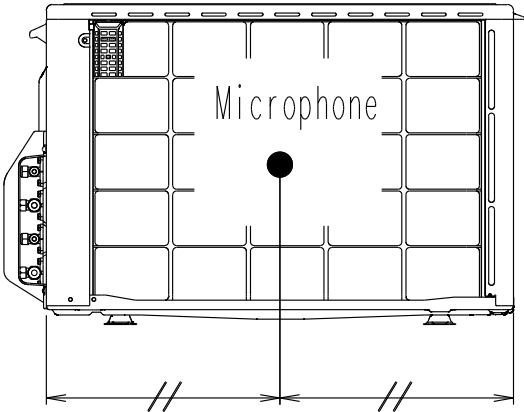
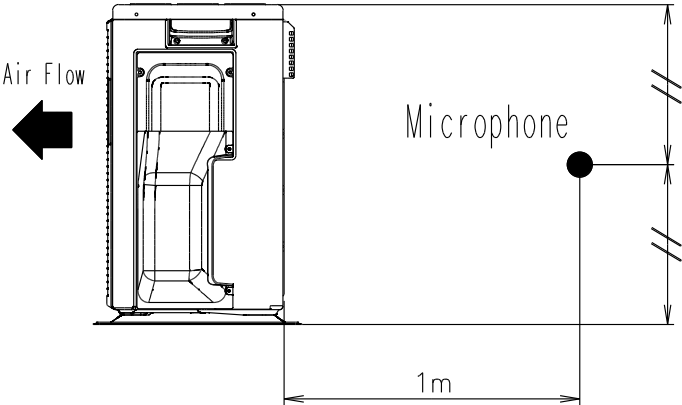


Heating



9-2. SOUND LEVEL CHECK POINT

OUTDOOR UNIT
AO*G14-18L2



OUTDOOR UNIT
AO*G14-18L2

10. ELECTRIC CHARACTERISTICS

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

*1) Wiring spec.

Selected sample

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

*2) Limited wiring length :

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

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

11. SAFETY DEVICES

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

12. INSTALLATION PRECAUTIONS

12-1. OUTDOOR UNIT INSTALLATION PRECAUTIONS

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

■ PLACES WHERE USE PROHIBITED

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

■ POINTS TO REMEMBER WHEN INSTALLING

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

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

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

[Installation precautions]

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