

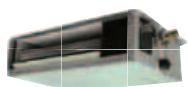
Refrigerant  
**R410A**  
INVERTER

AIR CONDITIONER

**Multi: 2, 3, 4 rooms type**

## DESIGN & TECHNICAL MANUAL

INDOOR



AUYG07LVLA  
AUYG09LVLA  
AUYG12LVLA  
AUYG14LVLA  
AUYG18LVLA  
AUYG12LVLB  
AUYG14LVLB  
AUYG18LVLB

ARYG07LSLAP  
ARYG09LSLAP  
ARYG12LSLAP  
ARYG14LSLAP

ARYG18LSLAP

ARYG07LLTA  
ARYG09LLTA  
ARYG12LLTA  
ARYG14LLTA  
ARYG12LLTB  
ARYG14LLTB

ARYG18LLTA  
ARYG18LLTB



ASYG07LJCA  
ASYG09LJCA  
ASYG12LJCA

ASYG07LMCA  
ASYG09LMCA  
ASYG12LMCA  
ASYG14LMCA

ASYG07LMCE  
ASYG09LMCE  
ASYG12LMCE  
ASYG14LMCE

ASYG07LUCA  
ASYG09LUCA  
ASYG12LUCA  
ASYG14LUCA

ASYG18LFCA  
ASYG24LFCA  
ASYG24LFCC



OUTDOOR

ABYG14LVTA  
ABYG18LVTA  
ABYG18LVTB

AGYG09LVCA  
AGYG12LVCA  
AGYG14LVCA

AOYG14LAC2  
AOYG18LAC2

AOYG18LAT3  
AOYG24LAT3

AOYG30LAT4

**FUJITSU GENERAL LIMITED**

**Notices:**

- Product specifications and design are subject to change without notice for future improvement.
- For further details, please check with our authorized dealer.

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# Part 1. INDOOR UNIT

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## COMPACT CASSETTE TYPE:

AUYG07LVLA  
AUYG09LVLA

AUYG12LVLA  
AUYG12LVLB

AUYG14LVLA  
AUYG14LVLB

AUYG18LVLA  
AUYG18LVLB

## MINI DUCT TYPE:

ARYG07LSLAP  
ARYG09LSLAP

ARYG12LSLAP  
ARYG14LSLAP

ARYG18LSLAP

ARYG07LLTA  
ARYG09LLTA

ARYG12LLTA  
ARYG12LLTB

ARYG14LLTA  
ARYG14LLTB

ARYG18LLTA  
ARYG18LLTB

## WALL MOUNTED TYPE:

ASYG07LJCA  
ASYG09LJCA  
ASYG12LJCA

ASYG07LUCA  
ASYG09LUCA  
ASYG12LUCA  
ASYG14LUCA

ASYG07LMCA  
ASYG09LMCA  
ASYG12LMCA  
ASYG14LMCA

ASYG07LMCE  
ASYG09LMCE  
ASYG12LMCE  
ASYG14LMCE

ASYG18LFCA  
ASYG24LFCA  
ASYG24LFCC

## FLOOR/CEILING TYPE:

ABYG14LVTA  
ABYG18LVTA  
ABYG18LVTB

## FLOOR TYPE:

AGYG09LVCA

AGYG12LVCA

AGYG14LVCA

## 1. Model lineup

Indoor unit		
AUYG07LVLA AUYG09LVLA AUYG12LVLA AUYG14LVLA AUYG18LVLA AUYG12LVLB AUYG14LVLB AUYG18LVLB	ARYG07LSLAP ARYG09LSLAP ARYG12LSLAP ARYG14LSLAP	ARYG18LSLAP
ARYG07LLTA ARYG09LLTA ARYG12LLTA ARYG14LLTA ARYG12LLTB ARYG14LLTB	ARYG18LLTA ARYG18LLTB	ASYG07LJCA ASYG09LJCA ASYG12LJCA
ASYG07LMCA ASYG09LMCA ASYG12LMCA ASYG14LMCA	ASYG07LMCE ASYG09LMCE ASYG12LMCE ASYG14LMCE	ASYG07LUCA ASYG09LUCA ASYG12LUCA ASYG14LUCA
ASYG18LFCA ASYG24LFCA ASYG24LFCC	ABYG14LVTA ABYG18LVTA ABYG18LVTB	AGYG09LVCA AGYG12LVCA AGYG14LVCA

Outdoor unit		
AOYG14LAC2 AOYG18LAC2	AOYG18LAT3 AOYG24LAT3	AOYG30LAT4

# 1-1. Indoor units that can be connected to each outdoor unit

●: Connectable / -: Not connectable

Outdoor unit	Compact cassette										
	AUYG07—18LVLA AUYG12—18LVLB										
	Btu class	07	09	12	14	18					
AOYG14LAC2	—	—	—	—	—	—					
AOYG18LAC2	●	●	●	—	—	—					
AOYG18LAT3	●	●	●	●	●	—					
AOYG24LAT3	●	●	●	●	●	●					
AOYG30LAT4	●	●	●	●	●	●					
Outdoor unit	Mini duct					Slim duct					
	ARYG07—18LSLAP					ARYG07—18LLTA ARYG12—18LLTB					
	Btu class	07	09	12	14	18	07	09	12	14	18
AOYG14LAC2	—	—	—	—	—	—	—	—	—	—	—
AOYG18LAC2	●	●	●	—	—	●	●	●	—	—	—
AOYG18LAT3	●	●	●	●	—	●	●	●	●	●	—
AOYG24LAT3	●	●	●	●	●	●	●	●	●	●	●
AOYG30LAT4	●	●	●	●	●	●	●	●	●	●	●
Outdoor unit	Wall mounted										
	LJ				LU/LM				LF		
	ASYG07—12LJCA				ASYG07—14LUCA ASYG07—14LMCA ASYG07—14LMCE				ASYG18LFCA ASYG24LFCA ASYG24LFCC		
AOYG14LAC2	●	●	●	●	●	●	—	—	—	—	—
AOYG18LAC2	●	●	●	●	●	●	●	●	—	—	—
AOYG18LAT3	●	●	●	●	●	●	●	●	—	—	—
AOYG24LAT3	●	●	●	●	●	●	●	●	●	—	—
AOYG30LAT4	●	●	●	●	●	●	●	●	●	●	●
Outdoor unit	Floor/Ceiling				Floor						
	ABYG14LVTA ABYG18LVTA ABYG18LVTB				AGYG09—14LVCA						
	Btu class	14	18	—	09	12	14	—	—	—	—
AOYG14LAC2	—	—	—	—	—	—	—	—	—	—	—
AOYG18LAC2	—	—	—	●	●	●	—	—	—	—	—
AOYG18LAT3	●	—	—	●	●	●	●	●	●	●	●
AOYG24LAT3	●	—	●	●	●	●	●	●	●	●	●
AOYG30LAT4	●	●	●	●	●	●	●	●	●	●	●

## 1-2. Indoor unit connection patterns

### ■ 2 rooms

AOYG14LAC2			
No.	Room 1	Room 2	Total
1	7	7	14
2	7	9	16
3	7	12	19
4	9	9	18
5	9	12	21

AOYG18LAC2			
No.	Room 1	Room 2	Total
1	7	7	14
2	7	9	16
3	7	12	19
4	7	14*	21
5	9	9	18
6	9	12	21
7	9	14*	23
8	12	12	24

#### NOTES:

- 7: 7,000Btu/h, 9: 9,000Btu/h, 12: 12,000Btu/h, 14: 14,000Btu/h
- \*: Wall mounted type only. Other types of indoor units cannot be connected.

## ■ 3 rooms

AOYG18LAT3				
No.	Room 1	Room 2	Room 3	Total
1	7	7	—	14
2	7	9	—	16
3	7	12	—	19
4	7	14	—	21
5	9	9	—	18
6	9	12	—	21
7	9	14	—	23
8	12	12	—	24
9	12	14	—	26
10	7	7	7	21
11	7	7	9	23
12	7	7	12	26
13	7	7	14	28
14	7	9	9	25
15	7	9	12	28
16	7	9	14	30
17	9	9	9	27
18	9	9	12	30

AOYG24LAT3				
No.	Room 1	Room 2	Room 3	Total
1	7	7	—	14
2	7	9	—	16
3	7	12	—	19
4	7	14	—	21
5	7	18	—	25
6	9	9	—	18
7	9	12	—	21
8	9	14	—	23
9	9	18	—	27
10	12	12	—	24
11	12	14	—	26
12	12	18	—	30
13	7	7	7	21
14	7	7	9	23
15	7	7	12	26
16	7	7	14	28
17	7	7	18	32
18	7	9	9	25
19	7	9	12	28
20	7	9	14	30
21	7	9	18	34
22	7	12	12	31
23	7	12	14	33
24	9	9	9	27
25	9	9	12	30
26	9	9	14	32
27*	9	9	18	36
28	9	12	12	33
29	9	12	14	35
30	12	12	12	36

### NOTES:

- 7: 7,000Btu/h, 9: 9,000Btu/h, 12: 12,000Btu/h, 14: 14,000Btu/h, 18: 18,000Btu/h
- \*: When “ASYG18L” is connected, connect at least 1 wall mounted type of 9,000Btu.

**4 rooms**

No.	AOYG30LAT4				Total
	Room 1	Room 2	Room 3	Room 4	
1	7	7	14	—	28
2	7	7	18	—	32
3	7	7	24	—	38
4	7	9	12	—	28
5	7	9	14	—	30
6	7	9	18	—	34
7	7	9	24	—	40
8	7	12	12	—	31
9	7	12	14	—	33
10	7	12	18	—	37
11	7	12	24	—	43
12	7	14	14	—	35
13	7	14	18	—	39
14	7	14	24	—	45
15	7	18	18	—	43
16	7	18	24	—	49
17	9	9	9	—	27
18	9	9	12	—	30
19	9	9	14	—	32
20	9	9	18	—	36
21	9	9	24	—	42
22	9	12	12	—	33
23	9	12	14	—	35
24	9	12	18	—	39
25	9	12	24	—	45
26	9	14	14	—	37
27	9	14	18	—	41
28	9	14	24	—	47
29	9	18	18	—	45
30	12	12	12	—	36
31	12	12	14	—	38
32	12	12	18	—	42
33	12	12	24	—	48
34	12	14	14	—	40
35	12	14	18	—	44
36	12	18	18	—	48
37	7	7	7	7	28
38	7	7	7	9	30
39	7	7	7	12	33
40	7	7	7	14	35
41	7	7	7	18	39
42	7	7	9	9	32
43	7	7	9	12	35
44	7	7	9	14	37
45	7	7	9	18	41
46	7	7	12	12	38
47	7	7	12	14	40
48	7	7	12	18	44
49	7	7	14	14	42
50	7	7	14	18	46
51	7	9	9	9	34
52	7	9	9	12	37
53	7	9	9	14	39
54	7	9	9	18	43
55	7	9	12	12	40
56	7	9	12	14	42
57	7	9	12	18	46
58	7	9	14	14	44
59	7	9	14	18	48
60	7	12	12	12	43
61	7	12	12	14	45
62	7	12	12	18	49
63	7	12	14	14	47
64	9	9	9	9	36
65	9	9	9	12	39
66	9	9	9	14	41
67* <sup>1</sup>	9	9	9	18	45
68	9	9	12	12	42
69	9	9	12	14	44
70* <sup>2</sup>	9	9	12	18	48
71	9	9	14	14	46
72	9	12	12	12	45
73	9	12	12	14	47
74	9	12	14	14	49
75	12	12	12	12	48

**NOTES:**

- 7: 7,000Btu/h, 9: 9,000Btu/h, 12: 12,000Btu/h, 14: 14,000Btu/h, 18: 18,000Btu/h, 24: 24,000Btu/h
- \*1: Connection of “ARYG09L+ARYG09L+ARYG09L+ASYG18L” is not available. All type other than this combination can be connected.
- \*2: Connection of “ARYG09L+ARYG09L+ARYG12L+ASYG18L” is not available. All type other than this combination can be connected.

## 2. Specifications

### 2-1. Compact cassette type

Model name				AUYG07LVLA	AUYG09LVLA	AUYG12LVLA AUYG12LVLB			
Power supply				1Ø 230 V ~50 Hz					
Available voltage range				198–264 V					
Capacity		kW class		2.0	2.5	3.5			
Input power		W		18		23			
Running current		A		0.15		0.19			
Fan	Airflow rate	Cooling	HIGH	m³/h	540	610			
			MED		490	530			
			LOW		440	470			
			QUIET		390	410			
		Heating	HIGH		540	610			
			MED		490	530			
			LOW		440	470			
			QUIET		390	410			
Type × Q'ty				Turbo fan × 1					
Motor output				54					
Sound pressure level *	Sound power level	Cooling	HIGH	dB (A)	33	37			
			MED		31	33			
			LOW		29	31			
			QUIET		27	28			
		Heating	HIGH		34	37			
			MED		32	33			
			LOW		29	31			
			QUIET		27	28			
		Cooling		dB (A)					
		Heating		46					
Heat exchanger type	Dimensions (H × W × D)		mm	210 × 1,310 × 13.3 + 210 × 1,250 × 13.3					
	Fin pitch		mm	1.2					
	Rows × Stages			2 × 10					
	Pipe type			Copper tube					
	Fin type			Aluminum					
Dimensions (H × W × D)	Net		mm	245 × 570 × 570					
	Gross			265 × 730 × 625					
Weight	Net		kg	15					
	Gross			18					
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)					
		Gas		Ø9.52 (Ø3/8)					
Method				Flare					
Operation range	Cooling		°C	18 to 32					
			%RH	80 or less					
	Heating		°C	16 to 30					
Drain hose	Material		mm	Hard PVC					
	Size			Ø 25 (I.D.), Ø 32 (O.D.)					
Cassette grille	Model name				UTG-UFYD-W				
	Material				PS				
	Color				White				
					(Approximate color of Munsell N 9.25/)				
	Dimensions (H × W × D)	Net	mm	49 × 700 × 700					
		Gross		120 × 765 × 755					
Weight	Net	kg		2.6					
				4.5					
Remote controller type				Wireless (Wired [option])					

**NOTES:**

- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the 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.

Model name				AUYG14LVLA AUYG14LVLB	AUYG18LVLA AUYG18LVLB		
Power supply				1Ø 230 V ~50 Hz			
Available voltage range				198—264 V			
Capacity		kW class		4.0	5.0		
Input power		W		28	39		
Running current		A		0.22	0.30		
Fan	Airflow rate	Cooling	HIGH	m³/h	680		
			MED		580		
			LOW		490		
			QUIET		410		
		Heating	HIGH		700		
			MED		620		
			LOW		550		
			QUIET		430		
Type × Q'ty				Turbo fan × 1			
Motor output		W		54			
Sound pressure level *	Cooling	HIGH	dB (A)	40	42		
				35	37		
				32	33		
				29	29		
		Heating		40	44		
				37	40		
				34	37		
				29	30		
Sound power level		Cooling	dB (A)	52	54		
		Heating		52	56		
Dimensions (H × W × D)		mm	210 × 1,310 × 13.3 + 210 × 1,250 × 13.3				
Fin pitch		mm	1.2				
Heat exchanger type		Rows × Stages	2 × 10				
		Pipe type	Copper tube				
		Fin type	Aluminum				
Dimensions (H × W × D)	Net		mm	245 × 570 × 570			
	Gross			265 × 730 × 625			
Weight	Net		kg	15			
	Gross			18			
Connection pipe	Size	Liquid		Ø6.35 (Ø1/4)			
		Gas		Ø12.70 (Ø1/2)			
	Method	Flare					
Operation range	Cooling	°C		18 to 32			
		%RH		80 or less			
	Heating	°C		16 to 30			
Drain hose	Material		mm	Hard PVC			
	Size			Ø 25 (I.D.), Ø 32 (O.D.)			
Cassette grille	Model name			UTG-UFYD-W			
	Material			PS			
	Color			White			
				(Approximate color of Munsell N 9.25/)			
	Dimensions (H × W × D)	Net	mm	49 × 700 × 700			
		Gross		120 × 765 × 755			
	Weight	Net	kg	2.6			
		Gross		4.5			
Remote controller type				Wireless (Wired [option])			

**NOTES:**

- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the 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.

## 2-2. Mini duct type

Model name			ARYG07LSLAP	ARYG09LSLAP	ARYG12LSLAP	
Power supply			10 230 V ~50 Hz			
Available voltage range			198–264 V			
Capacity		KW class	2.0	2.5	3.5	
Input power	Fan	HIGH	33	40	47	
		MED	23	23	26	
		LOW	20	20	22	
		QUIET	18	18	18	
Running current		A	0.29	0.33	0.38	
Fan	Airflow rate	Cooling	HIGH	550	600	
			MED	440	450	
			LOW	390	400	
			QUIET	360	360	
	Heating	Heating	HIGH	550	600	
			MED	440	450	
			LOW	390	400	
			QUIET	360	360	
Type × Q'ty			Sirocco fan × 2			
Motor output		W	75			
Recommended static pressure		Pa	0 to 30			
Sound pressure level *	Cooling	HIGH	29	29	31	
			26	26	27	
			24	24	25	
			23	23	23	
	Heating	HIGH	29	29	31	
			26	26	27	
			24	24	25	
			23	23	23	
Sound power level		Cooling	52	54	55	
		Heating	53	56	57	
Heat exchanger type	Dimensions (H × W × D)		mm	336 × 490 × 26.6		
	Fin pitch		mm	1.3		
	Rows × Stages			2 × 16		
	Pipe type			Copper tube		
	Fin type			Aluminum		
Enclosure	Material			Steel sheet		
	Color			—		
Dimensions (H × W × D)	Net		mm	198 × 700 × 450		
	Gross			250 × 930 × 580		
Weight	Net		kg	15.5		
	Gross			19.5		
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)		
		Gas		Ø9.52 (Ø3/8)		
	Method			Flare		
Operation range	Cooling	°C		18 to 32		
		%RH		80 or less		
	Heating	°C		16 to 30		
Drain hose	Material			Hard PVC		
	Size			Ø 25 (I.D.), Ø 32 (O.D.)		
Remote controller type				Wired (Wireless [option])		

**NOTES:**

- Values mentioned in the table are based on the following conditions:
  - Static pressure: 10 Pa
  - The protective function might work when using it outside the operation range.
  - \*: Sound pressure level:
    - These are the measured values in the 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.

Model name				ARYG14LSLAP	ARYG18LSLAP							
Power supply				1Ø 230 V ~50 Hz								
Available voltage range				198—264 V								
Capacity		kW class		4.0	5.0							
Input power	Fan	HIGH MED LOW QUIET	W	72	63							
				44	38							
				30	22							
				18	19							
Running current		A		0.58	0.49							
		800	940									
Fan	Airflow rate	Cooling	m³/h	640	750							
				530	540							
				360	480							
				800	940							
		Heating	W	640	750							
				530	540							
				360	480							
				Sirocco fan × 2	Sirocco fan × 3							
				75	80							
Recommended static pressure		Pa		0 to 50								
Sound pressure level *	Cooling	dB (A)	HIGH MED LOW QUIET	35	33							
				30	29							
				27	26							
				23	23							
	Heating		HIGH MED LOW QUIET	35	33							
				30	29							
				27	26							
				23	23							
Sound power level		Cooling	dB (A)	60	58							
		Heating		62	59							
Heat exchanger type		Dimensions (H × W × D)	mm	336 × 490 × 26.6	336 × 690 × 26.6							
		Fin pitch	mm		1.3							
		Rows × Stages		2 × 16								
		Pipe type		Copper tube								
		Fin type		Aluminum								
Enclosure	Material			Steel sheet								
	Color			—								
Dimensions (H × W × D)	Net		mm	198 × 700 × 450	198 × 900 × 450							
	Gross			250 × 930 × 580	250 × 1,130 × 580							
Weight	Net		kg	15.5	18.5							
	Gross			19.5	23.0							
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)								
		Gas		Ø12.7 (Ø1/2)								
		Method		Flare								
Operation range		Cooling	°C	18 to 32								
			%RH	80 or less								
		Heating	°C	16 to 30								
Drain hose	Material			Hard PVC								
	Size			Ø 25 (I.D.), Ø 32 (O.D.)								
Remote controller type												
<b>NOTES:</b>												
<ul style="list-style-type: none"> <li>Values mentioned in the table are based on the following conditions:           <ul style="list-style-type: none"> <li>Static pressure: 15 Pa</li> <li>The protective function might work when using it outside the operation range.</li> </ul> </li> </ul>												
<ul style="list-style-type: none"> <li>*: Sound pressure level:           <ul style="list-style-type: none"> <li>These are the measured values in the manufacturer's anechoic chamber.</li> <li>Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.</li> </ul> </li> </ul>												

## 2-3. Slim duct type

Model name			ARYG07LLTA	ARYG09LLTA	ARYG12LLTA ARYG12LLTB	
Power supply			1Ø 230 V ~50 Hz			
Available voltage range			198–264 V			
Capacity	kW class		2.0	2.5	3.5	
Input power	W		33	49	58	
Running current	A		0.33	0.30	0.35	
Fan	Airflow rate	Cooling	550	600	650	
			490	550	600	
			470	500	550	
			440	450	480	
		Heating	550	600	650	
		Heating	490	550	600	
		Heating	470	500	550	
		Heating	440	450	480	
Type × Qty			Sirocco fan × 2			
Motor output			W	80	81	
Recommended static pressure			Pa	0 to 90		
Sound pressure level *	Cooling	HIGH	28	28	29	
			26	27	28	
			25	26	27	
			24	25	26	
		QUIET	28	28	29	
		Heating	26	26	28	
		Heating	25	25	27	
		Heating	24	24	24	
Sound power level			dB (A)	57	58	
Heating				57	58	
Heat exchanger type	Dimensions (H × W × D)		mm	294 × 500 × 26.6	294 × 500 × 39.9	
	Fin pitch		mm	1.3		
	Rows × Stages			2 × 14	3 × 14	
	Pipe type			Copper tube		
Fin type				Aluminum		
Enclosure	Material			Steel sheet		
Color				—		
Dimensions (H × W × D)	Net		mm	198 × 700 × 620		
	Gross			274 × 945 × 772		
Weight	Net		kg	17	19	
	Gross			21	23	
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)		
		Gas		Ø9.52 (Ø3/8)		
	Method			Flare		
Operation range	Cooling	°C		18 to 32		
		%RH		80 or less		
	Heating	°C		16 to 30		
Drain hose	Material			Hard PVC		
	Size		mm	Ø 25 (I.D.), Ø 32 (O.D.)		
Remote controller type				Wired (Wireless [option])		

**NOTES:**

- Values mentioned in the table are based on the following conditions:
  - Static pressure: 25 Pa
- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the 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.

Model name				ARYG14LLTA ARYG14LLTB	ARYG18LLTA ARYG18LLTB						
Power supply				1Ø 230 V ~50 Hz							
Available voltage range				198—264 V							
Capacity				4.0	5.0						
Input power				76	73						
Running current				0.51	0.44						
Fan	Airflow rate	Cooling	HIGH	m³/h	800						
			MED		700						
			LOW		600						
			QUIET		480						
		Heating	HIGH		800						
			MED		700						
			LOW		600						
			QUIET		480						
Type × Q'ty				Sirocco fan × 2	Sirocco fan × 3						
Motor output				W	81						
Recommended static pressure				Pa	0 to 90						
Sound pressure level *	Cooling	HIGH	dB (A)	32	32						
				30	31						
				28	30						
				26	29						
		QUIET		33	33						
	Heating			30	32						
				28	31						
				25	29						
Sound power level				Cooling	60						
				Heating	61						
Dimensions (H × W × D)				mm	294 × 500 × 39.9						
Heat exchanger type				Fin pitch	mm						
					1.3						
Rows × Stages					3 × 14						
Pipe type					Copper tube						
Fin type					Aluminum						
Enclosure	Material			Steel sheet							
	Color			—							
Dimensions (H × W × D)	Net		mm	198 × 700 × 620							
	Gross			274 × 945 × 772							
Weight	Net		kg	19							
	Gross			23							
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)							
		Gas		Ø12.70 (Ø1/2)							
Operation range				Method							
				Flare							
Drain hose	Cooling		mm	°C							
	Heating			%RH							
				°C							
Remote controller type				Hard PVC							
				Ø 25 (I.D.), Ø 32 (O.D.)							
				Wired (Wireless [option])							
<b>NOTES:</b>											
<ul style="list-style-type: none"> <li>Values mentioned in the table are based on the following conditions:           <ul style="list-style-type: none"> <li>Static pressure: 25 Pa</li> </ul> </li> </ul>											
<ul style="list-style-type: none"> <li>The protective function might work when using it outside the operation range.</li> </ul>											
<ul style="list-style-type: none"> <li>*: Sound pressure level:           <ul style="list-style-type: none"> <li>These are the measured values in the manufacturer's anechoic chamber.</li> <li>Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.</li> </ul> </li> </ul>											

## 2-4. Wall mounted type

Model name				ASYG07LJCA	ASYG09LJCA	ASYG12LJCA		
Power supply				1Ø 230 V ~50 Hz				
Available voltage range				198–264 V				
Capacity		kW class		2.0	2.5	3.5		
Input power		W		15	17	22		
Running current		A		0.13	0.15	0.19		
Fan	Airflow rate	Cooling	HIGH	560	600	660		
			MED	500	520	560		
			LOW	430	430	450		
			QUIET	310	310	310		
		Heating	HIGH	560	600	660		
			MED	500	520	560		
			LOW	430	430	470		
			QUIET	330	330	330		
Type × Q'ty				Cross flow fan ×1				
Motor output				30				
Sound pressure level *	Cooling	HIGH		36	37	40		
			MED	32	33	36		
			LOW	29	29	30		
			QUIET	21	21	21		
		Heating	HIGH	36	37	40		
			MED	32	33	36		
			LOW	29	29	31		
			QUIET	22	22	22		
Sound power level		Cooling		51	52	54		
		Heating		51	52	54		
Heat exchanger type	Dimensions (H × W × D)		mm	Main: 320 × 630 × 20 Sub: 84 × 630 × 13.3				
	Fin pitch		mm	Main: 1.1, Sub: 1.4				
	Rows × Stages			Main: 2 × 20, Sub: 1 × 4				
	Pipe type			Copper tube				
	Fin type			Aluminum				
Enclosure	Material			Polystyrene				
	Color			White (Approximate color of Munsell N 9.25/)				
Dimensions (H × W × D)	Net		mm	280 × 790 × 203				
	Gross			263 × 840 × 375				
Weight	Net		kg	8				
	Gross			10.5				
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)				
		Gas		Ø9.52 (Ø3/8)				
Method				Flare				
Drain hose	Material			PP+LLDPE				
	Size		mm	Ø13.8 (I.D.), Ø15.8 to 16.7 (O.D.)				
Operation range	Cooling		°C	18 to 32				
			%RH	80 or less				
	Heating		°C	16 to 32				
Remote controller type				Wireless (Wired [option])				

**NOTES:**

- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the 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.

Model name				ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA				
Power supply				1Ø 230 V ~50 Hz							
Available voltage range				198—264 V							
Capacity				2.0	2.5	3.5	4.0				
Input power				W	13	16	19				
Running current				A	0.13	0.14	0.17				
Fan	Airflow rate	Cooling	HIGH	m³/h	570	600	660				
			MED		520	550	600				
			LOW		470	470	530				
			QUIET		330	330	330				
		Heating	HIGH		570	600	660				
			MED		520	550	600				
			LOW		470	470	530				
			QUIET		330	330	330				
	Type × Q'ty			Cross flow fan × 1							
Motor output				W	36						
Sound pressure level *	Cooling	HIGH	HIGH	dB (A)	35	36	37				
			MED		30	32	34				
			LOW		28	28	31				
			QUIET		21	21	21				
		Heating	HIGH		35	36	37				
			MED		30	32	34				
			LOW		28	28	31				
			QUIET		21	21	21				
	Sound power level		Cooling		53	54	55				
			Heating		53	54	55				
Heat exchanger type	Dimensions (H × W × D)			mm	Main: 320 × 690 × 20 Sub: 84 × 690 × 13.3						
	Fin pitch			mm	Main: 1.1, Sub: 1.4						
	Rows × Stages				Main: 2 × 20, Sub: 1 × 4						
	Pipe type				Copper tube						
	Fin type				Aluminum						
Enclosure	Material				Polystyrene						
	Color				White (Approximate color of Munsell N 9.3)						
Dimensions (H × W × D)	Net		mm	282 × 870 × 185							
	Gross			247 × 920 × 373							
Weight	Net		kg	9.5							
	Gross			12							
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)							
		Gas		Ø9.52 (Ø3/8) Ø12.7 (Ø1/2)							
Drain hose	Method			Flare							
	Material			PP + LLDPE							
Operation range		Cooling	Size	mm	Ø13.8 (I.D.), Ø15.8 to Ø16.7 (O.D.)						
					18 to 32						
		Heating	°C		80 or less						
Remote controller type				Wireless (Wired [option])							

**NOTES:**

- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the 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.

Model name			ASYG07LMCA	ASYG09LMCA	ASYG12LMCA	ASYG14LMCA			
Power supply			10 230 V ~50 Hz						
Available voltage range			198—264 V						
Capacity		kW class	2.0	2.5	3.5	4.0			
Input power		W	15	17	22	28			
Running current		A	0.13	0.15	0.19	0.25			
Fan	Airflow rate	Cooling	HIGH	m³/h	560	600			
			MED		500	520			
			LOW		430	430			
			QUIET		310	310			
		Heating	HIGH		560	600			
			MED		500	520			
			LOW		430	430			
			QUIET		330	330			
Type × Q'ty			Cross flow fan × 1						
Motor output			35						
Sound pressure level *	Cooling	HIGH	HIGH	dB (A)	36	37			
			MED		32	33			
			LOW		29	29			
			QUIET		21	21			
		Heating	HIGH		36	37			
			MED		32	33			
			LOW		29	29			
			QUIET		22	22			
Sound power level			Cooling	dB (A)	51	52			
			Heating		51	52			
Heat exchanger type	Dimensions (H × W × D)		mm	Main: 320 × 630 × 20 Sub: 84 × 630 × 13.3					
	Fin pitch		mm	Main: 1.1, Sub: 1.4					
	Rows × Stages			Main: 2 × 20, Sub: 1 × 4					
	Pipe type			Copper tube					
	Fin type			Aluminum					
Enclosure	Material			Polystyrene					
	Color			White (Approximate color of Munsell N 9.25/)					
Dimensions (H × W × D)	Net		mm	268 × 840 × 203					
	Gross			270 × 884 × 336					
Weight	Net		kg	8.5					
	Gross			10.5					
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)					
		Gas		Ø9.52 (Ø3/8)   Ø12.7 (Ø1/2)					
Drain hose	Method			Flare					
	Material			PP + LLDPE					
Operation range	Size		mm	Ø13.8 (I.D.), Ø15.8 to Ø16.7 (O.D.)					
	Cooling		°C	18 to 32					
			%RH	80 or less					
Heating			°C	16 to 30					
Remote controller type				Wireless (Wired [option])					

**NOTES:**

- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the 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.

Model name				ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE		
Power supply				10 230 V ~50 Hz					
Available voltage range				198—264 V					
Capacity		kW class	2.0	2.5	3.5	4.0			
Input power		W	15	17	22	28			
Running current		A	0.13	0.15	0.19	0.25			
Fan	Airflow rate	HIGH	m³/h	560	600	660	730		
		MED		500	520	560	600		
		LOW		430	430	450	530		
		QUIET		310	310	310	360		
		HIGH		560	600	660	730		
		MED		500	520	560	615		
		LOW		430	430	470	560		
		QUIET		330	330	330	375		
Type × Q'ty				Cross flow fan × 1					
Motor output		W		35					
Sound pressure level *	Cooling	HIGH	dB (A)	36	37	40	42		
		MED		32	33	36	38		
		LOW		29	29	30	33		
		QUIET		21	21	21	25		
		HIGH		36	37	40	42		
	Heating	MED		32	33	36	38		
		LOW		29	29	31	35		
		QUIET		22	22	22	27		
Sound power level		Cooling	dB (A)	51	52	54	56		
		Heating		51	52	55	57		
Heat exchanger type	Dimensions (H × W × D)		mm	Main: 320 × 630 × 20 Sub: 84 × 630 × 13.3					
	Fin pitch		mm	Main: 1.1, Sub: 1.4					
	Rows × Stages			Main: 2 × 20, Sub: 1 × 4					
	Pipe type			Copper tube					
	Fin type			Aluminum					
Enclosure	Material			Polystyrene					
	Color			White (Approximate color of Munsell N 9.25/)					
Dimensions (H × W × D)	Net		mm	270 × 870 × 204					
	Gross			270 × 925 × 336					
Weight	Net		kg	8.5					
	Gross			11.0					
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)					
		Gas		Ø9.52 (Ø3/8)   Ø12.7 (Ø1/2)					
Drain hose	Method			Flare					
	Material			PP + LLDPE					
Operation range		Cooling	mm	Ø13.8 (I.D.), Ø15.8 to Ø16.7 (O.D.)					
			°C	18 to 32					
			%RH	80 or less					
			°C	16 to 30					
Remote controller type				Wireless (Wired [option])					

**NOTES:**

- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the 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.

Model name			ASYG18LFCA	ASYG24LFCA	ASYG24LFCC		
Power supply			1Ø 230 V ~50 Hz				
Available voltage range			198–264 V				
Capacity		kW class	5.0	7.0			
Input power		W	37	69			
Running current		A	0.33	0.53			
Fan	Airflow rate	Cooling	HIGH	m³/h	900		
			MED		740		
			LOW		620		
			QUIET		550		
		Heating	HIGH		900		
			MED		740		
			LOW		620		
			QUIET		550		
Type × Q'ty			Cross flow fan ×1				
Motor output			W	42	65		
Sound pressure level *	Cooling	HIGH	43	dB (A)	49		
			37		42		
			33		37		
			26		33		
		Heating	42		48		
			37		42		
			33		37		
			25		33		
Sound power level			Cooling	58	64		
			Heating	58	64		
Heat exchanger type	Dimensions (H × W × D)		mm	Main: 378 × 832 × 26.6 Sub: 84 × 832 × 13.3			
	Fin pitch		mm	Main: 1.2, Sub: 1.4			
	Rows × Stages		Main: 2 × 18, Sub: 1 × 4		Main: 2 × 18, Sub: 1 × 4 + 1 × 4		
	Pipe type		Copper tube				
	Fin type		Aluminum				
Enclosure	Material			Polystyrene			
	Color			White (Approximate color of Munsell N 9.25/)			
Dimensions (H × W × D)	Net		mm	320 × 998 × 238			
	Gross			329 × 1,090 × 420			
Weight	Net		kg	14			
	Gross			18			
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)			
		Gas		Ø12.70 (Ø1/2)	Ø15.88 (Ø5/8)		
Drain hose	Method			Flare			
	Material			PVC			
	Size		mm	Ø12 (I.D.), Ø16 (O.D.)			
Operation range	Cooling		°C	18 to 32			
			%RH	80 or less			
	Heating		°C	16 to 32			
Remote controller type				Wireless (Wired [option])			

**NOTES:**

- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the 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.

## 2-5. Floor/Ceiling type

Model name				ABYG14LVTA	ABYG18LVTA ABYG18LVTB
Power supply				1Ø 230 V ~50 Hz	
Available voltage range				198—264 V	
Capacity		kWh class		4.0	5.0
Input power		W		26	47
Running current		A		0.21	0.36
Fan	Airflow rate	Cooling	HIGH	640	780
			MED	590	700
			LOW	540	560
			QUIET	480	500
		Heating	HIGH	640	780
			MED	590	700
			LOW	540	560
			QUIET	480	500
	Type × Q'ty			Sirocco fan × 2	
Motor output		W		80	
Sound pressure level *		Cooling	HIGH	36 (Under ceiling) 39 (Floor console)	41 (Under ceiling) 44 (Floor console)
			MED	34 (Under ceiling) 37 (Floor console)	38 (Under ceiling) 41 (Floor console)
			LOW	33 (Under ceiling) 36 (Floor console)	34 (Under ceiling) 37 (Floor console)
			QUIET	29 (Under ceiling) 32 (Floor console)	32 (Under ceiling) 35 (Floor console)
		Heating	HIGH	36 (Under ceiling) 39 (Floor console)	41 (Under ceiling) 44 (Floor console)
			MED	34 (Under ceiling) 37 (Floor console)	38 (Under ceiling) 41 (Floor console)
			LOW	33 (Under ceiling) 36 (Floor console)	34 (Under ceiling) 37 (Floor console)
			QUIET	29 (Under ceiling) 32 (Floor console)	32 (Under ceiling) 35 (Floor console)
Sound power level		Cooling		51	55
		Heating		51	55
Heat exchanger type		Dimensions (H × W × D)	mm	252 × 800 × 26.6	
		Fin pitch	mm	1.2	1.3
		Rows × Stages		2 × 12	3 × 12
		Pipe type		Copper tube	
		Fin type		Aluminum	
Enclosure	Material			ABS	
	Color			White (Approximate color of Munsell N 9.25/)	
Dimensions (H × W × D)	Net		mm	199 × 990 × 655	
	Gross			320 × 1,150 × 790	
Weight	Net		kg	27	
	Gross			36	
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)	
		Gas		Ø12.70 (Ø1/2)	
Drain hose		Method		Flare	
Operation range	Material			Hard PVC	
	Size	mm	Ø25 (I.D.), Ø32 (O.D.)		
Remote controller type	Cooling	°C		18 to 32	
		%RH		80 or less	
	Heating	°C		16 to 30	
				Wireless (Wired [option])	

**NOTES:**

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

## 2-6. Floor type

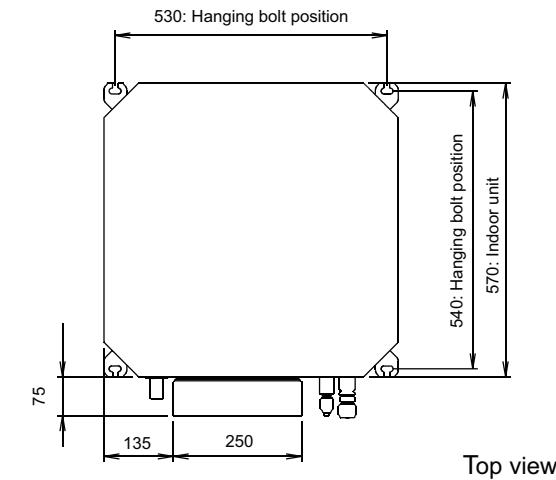
Model name				AGYG09LVCA	AGYG12LVCA	AGYG14LVCA			
Power supply				10 230 V ~50 Hz					
Available voltage range				198–264 V					
Capacity			kW class	2.5	3.5	4.0			
Input power			W	16	20	23			
Running current			A	0.15	0.18	0.20			
Fan	Airflow rate	Cooling	HIGH	m³/h	530	600			
			MED		440	490			
			LOW		360	380			
			QUIET		270	270			
		Heating	HIGH		530	600			
			MED		460	510			
			LOW		380	410			
			QUIET		270	270			
Type × Q'ty				Cross flow fan × 2					
Motor output				W					
				16					
Sound pressure level *		Cooling	HIGH	dB (A)	39	42			
			MED		34	36			
			LOW		28	30			
			QUIET		22	22			
		Heating	HIGH		39	42			
			MED		35	38			
			LOW		30	32			
			QUIET		22	22			
		Cooling			52	55			
		Heating			52	55			
Heat exchanger type	Dimensions (H × W × D)			mm					
	Fin pitch			mm					
	Rows × Stages			378 × 550 × 26.6					
	Pipe type			Copper tube					
Enclosure				Fin type					
Dimensions (H × W × D)	Material			Aluminum					
	Color			Polystyrene					
Weight	Net			White					
	Gross			(Approximate color of Munsell N 9.25/)					
Connection pipe	Net			600 × 740 × 200					
	Gross			700 × 820 × 310					
Drain hose	Size			kg					
	Method			14					
Operation range	Material			17					
	Size			Flare					
NOTES:				PVC					
<ul style="list-style-type: none"> <li>The protective function might work when using it outside the operation range.</li> <li>*Sound pressure level: <ul style="list-style-type: none"> <li>Measured values in manufacturer's anechoic chamber.</li> <li>Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.</li> </ul> </li> </ul>				Ø13.8 (I.D.), Ø16.7 (O.D.)					
	Cooling			mm					
	Heating			°C					
				%RH					
				18 to 32					
				°C					
				80 or less					
				16 to 30					
				Wireless (Wired [option])					

### 3. Dimensions

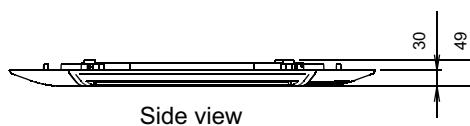
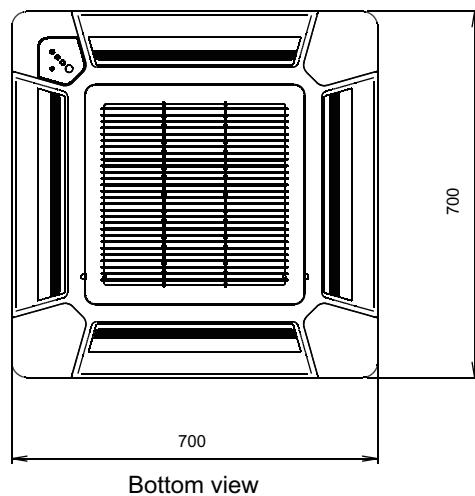
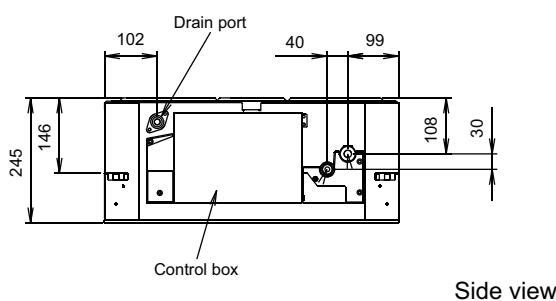
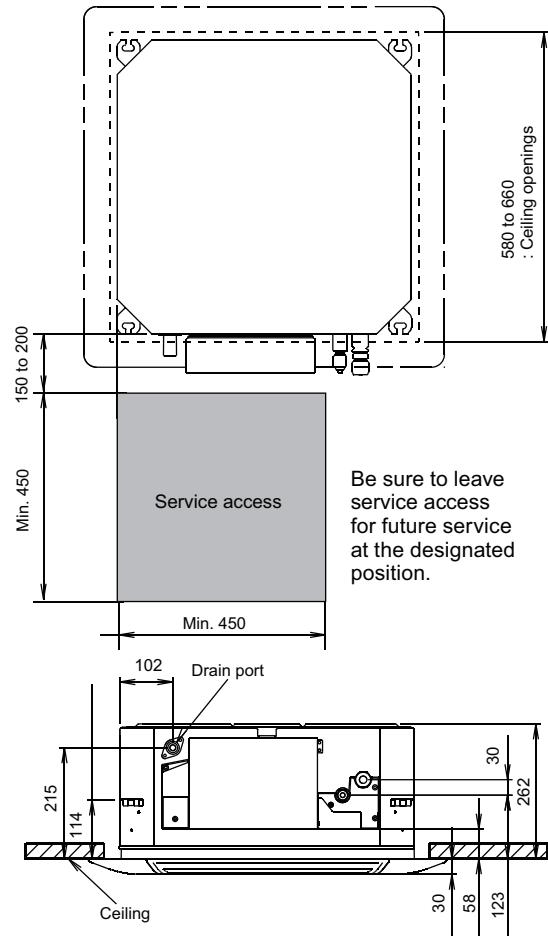
#### 3-1. Compact cassette type

■ Models: **AUYG07LVLA, AUYG09LVLA, AUYG12LVLA, AUYG14LVLA, AUYG18LVLA, AUYG12LVLB, AUYG14LVLB, and AUYG18LVLB**

Unit: mm

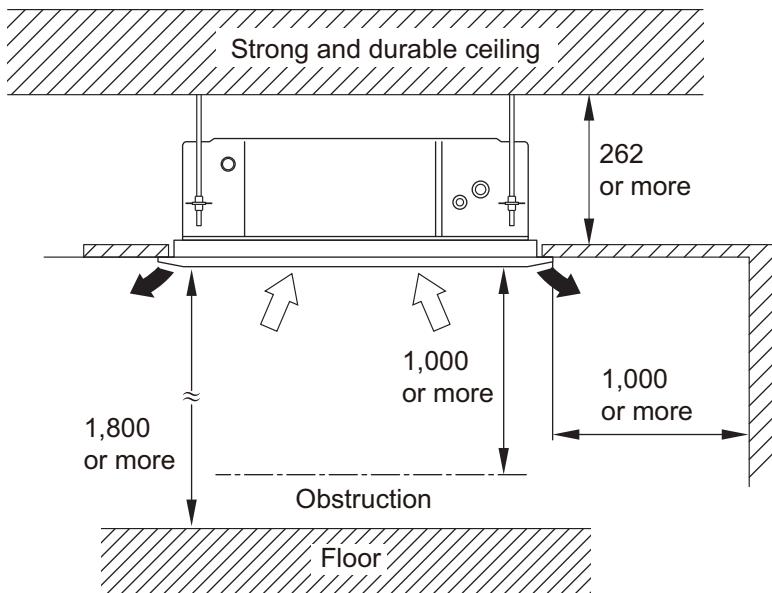


##### • Cassette grille mounting state



## ■ Installation space

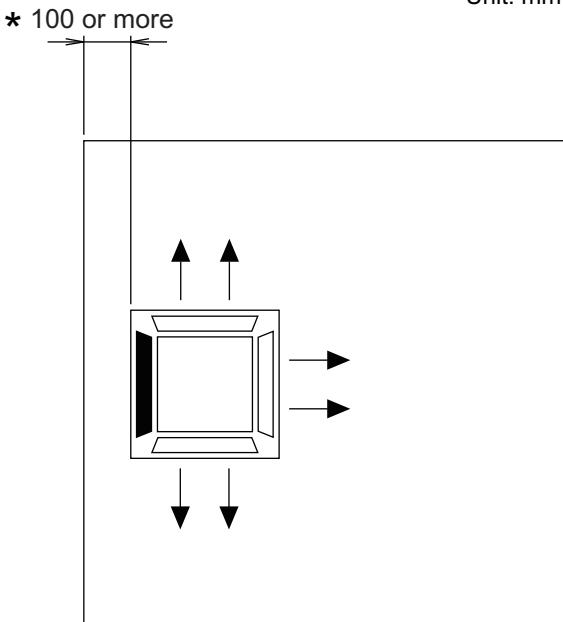
Unit: mm



	Maximum height from floor to ceiling (Unit: mm)				
Model name	AUYG07LVLA	AUYG09LVLA	AUYG12LVLA	AUYG14LVLA	AUYG18LVLA
Standard mode	2,700				
High ceiling mode	3,000				

- **3-way direction setting**

Unit: mm



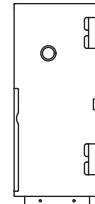
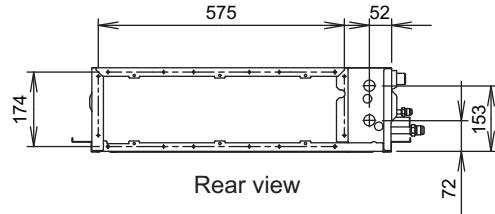
**NOTES:**

- \*: When installing the indoor unit, be careful about the maintenance space.
- To set “3-direction”, optional Air outlet shutter plate (UTR-YDZB) must be installed, and the “outlet-direction” need to be switched to “3-way” by remote controller.
- The ceiling height cannot be set in the 3-way outlet mode. Therefore, ceiling height setting change by function setting 20 is prohibited. For details, refer to Chapter 14-6-1. ["Contents of function setting"](#) on page 252.

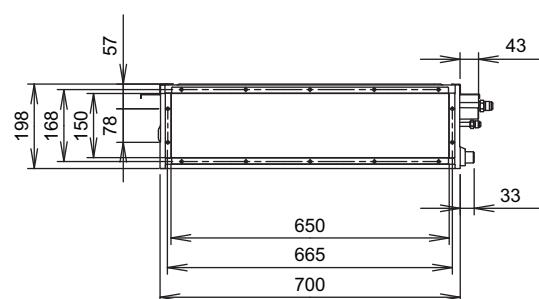
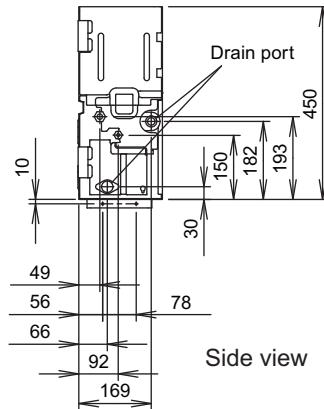
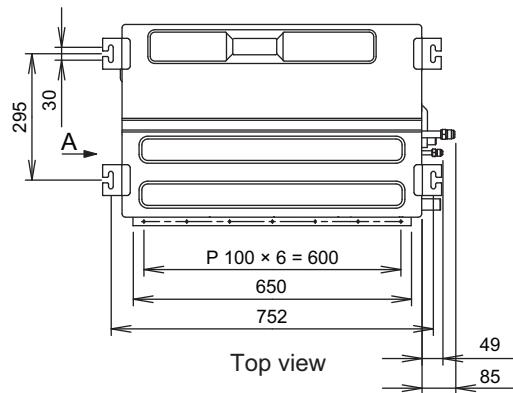
### 3-2. Mini duct type

■ Models: ARYG07LSLAP, ARYG09LSLAP, ARYG12LSLAP,  
and ARYG14LSLAP

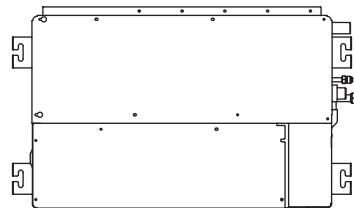
Unit: mm



View A



Front view

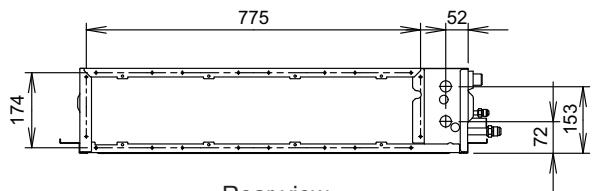


Bottom view

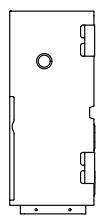
## ■ Model: ARYG18LSLAP

Unit: mm

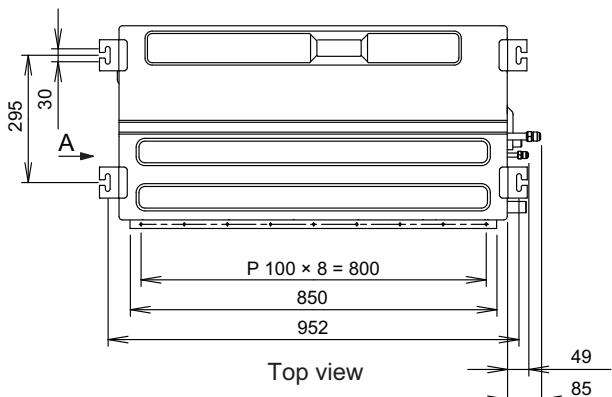
MULTI TYPE  
2, 3, 4 ROOMS TYPE



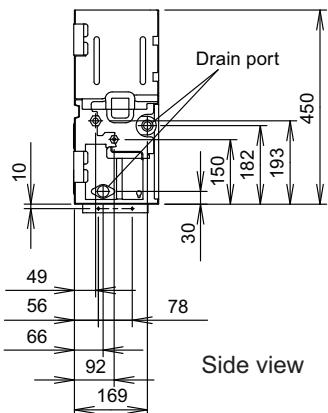
Rear view



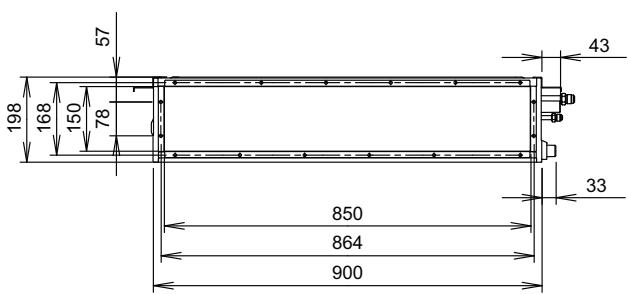
View A



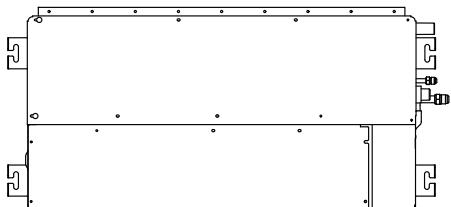
Top view



Side view



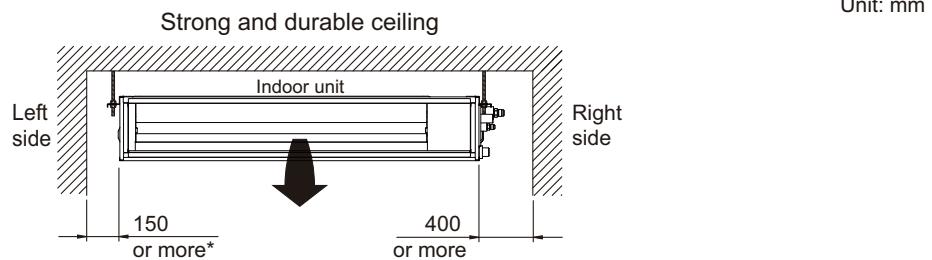
Front view



Bottom view

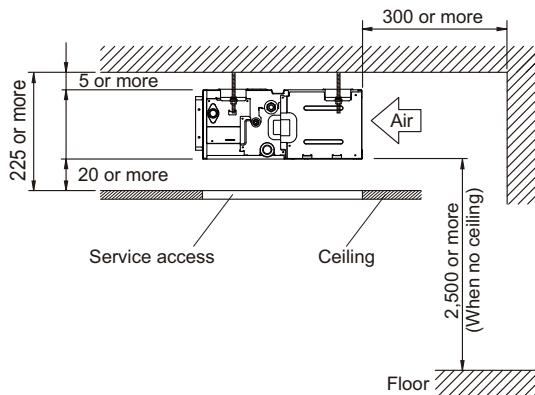
## ■ Installation space requirement

Provide sufficient installation space for product safety.

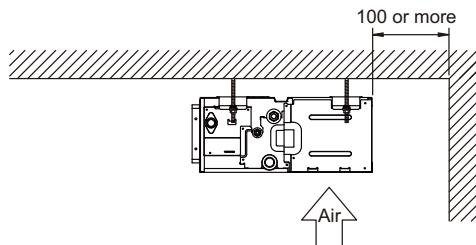


\*: 400 or more when drain from drain pipe

- When intaking air from back:



- When intaking air from bottom:

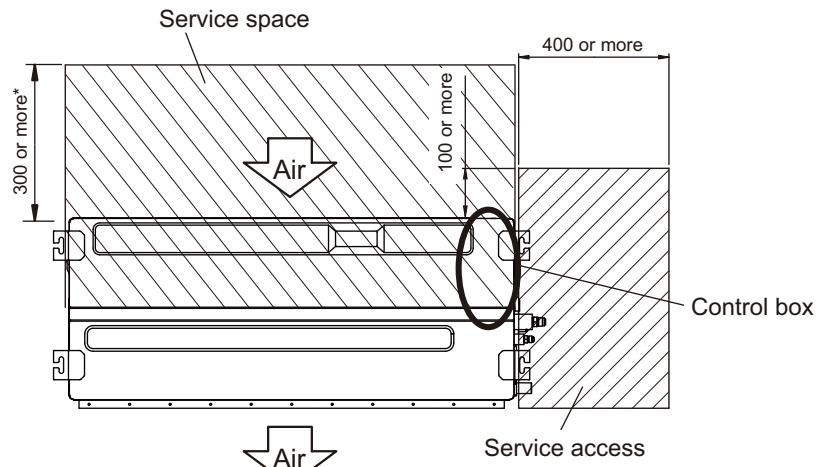


## ■ Maintenance space requirement

For future maintenance and service access, provide sufficient maintenance space.

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

Unit: mm



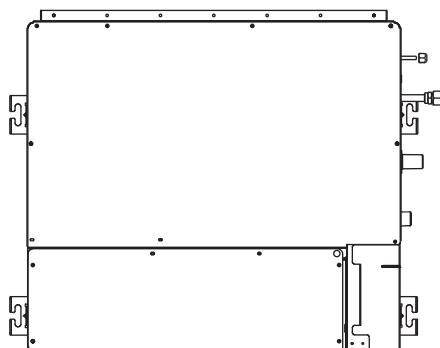
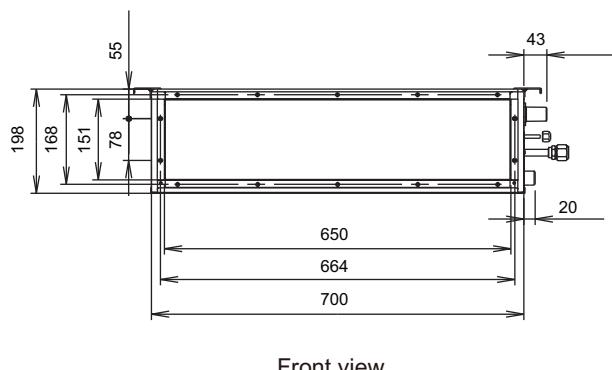
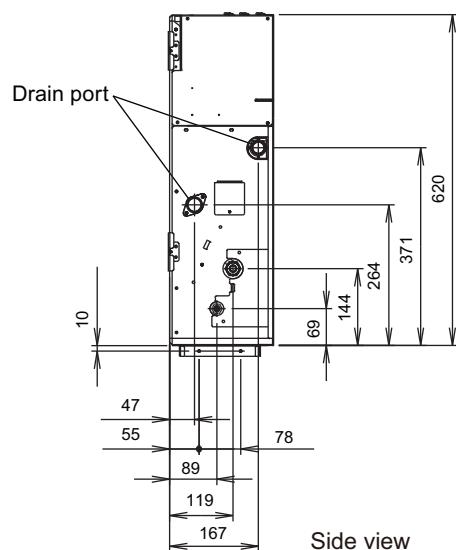
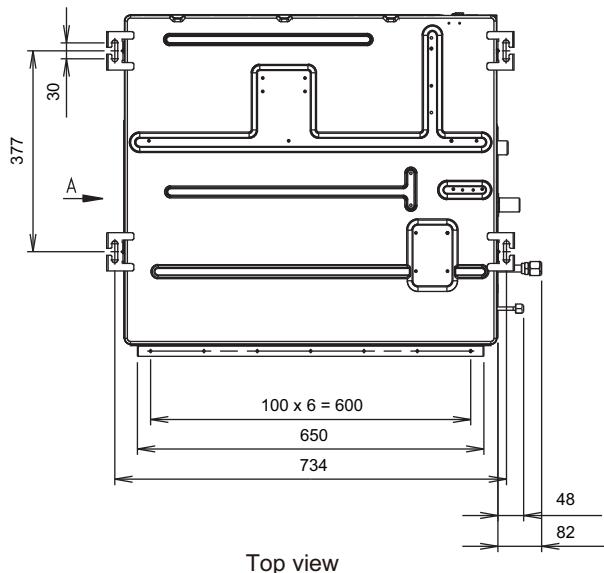
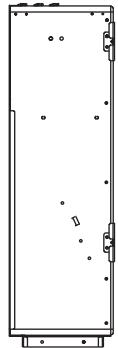
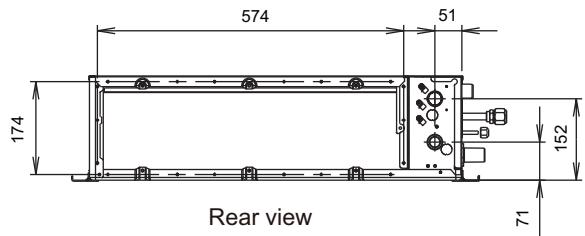
\*: More than 100 when intaking air from bottom

Top view

### 3-3. Slim duct type

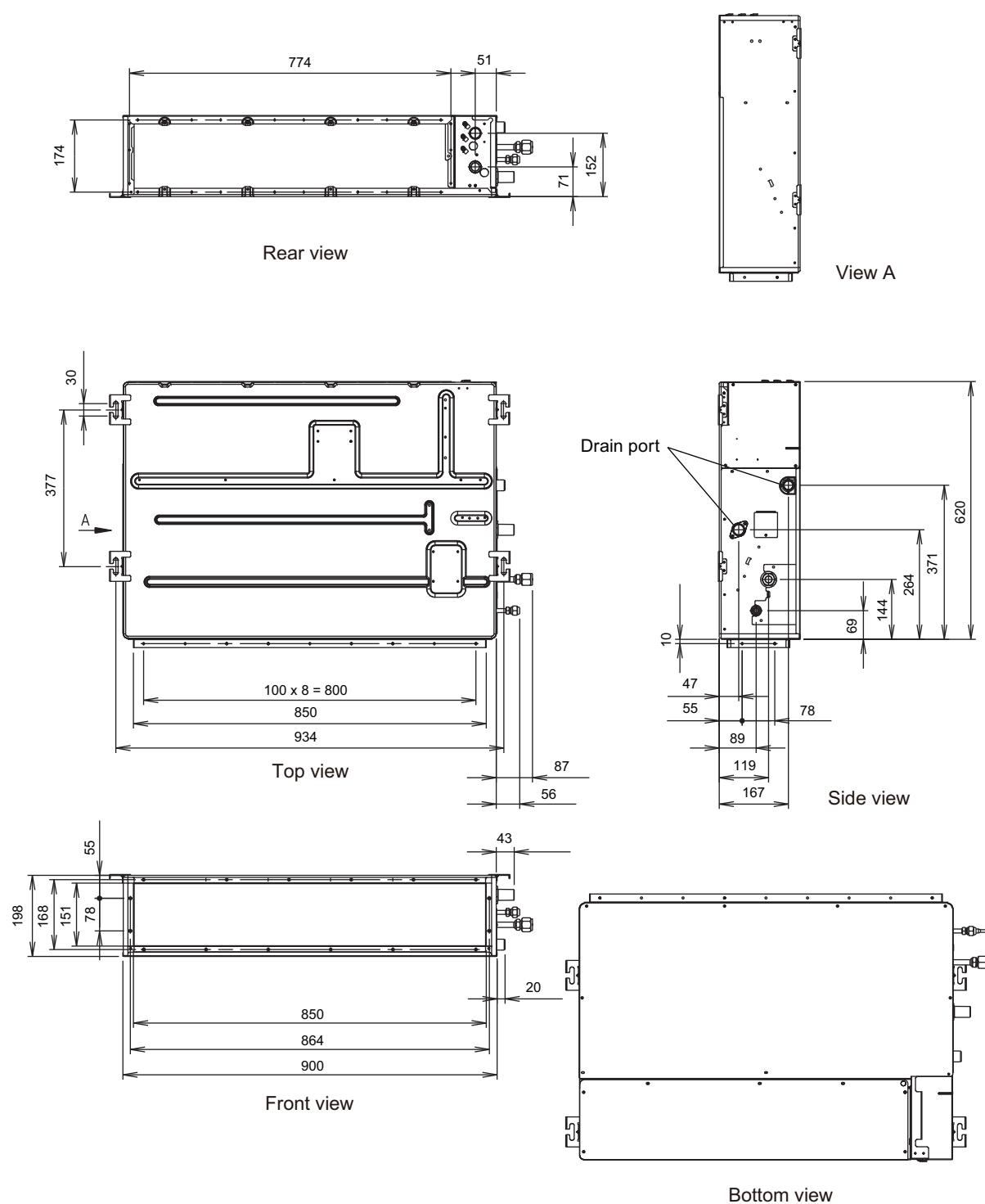
■ Models: ARYG07LLTA, ARYG09LLTA, ARYG12LLTA,  
ARYG14LLTA, ARYG12LLTB, and ARYG14LLTB

Unit: mm



**■ Model: ARYG18LLTA and ARYG18LLTB**

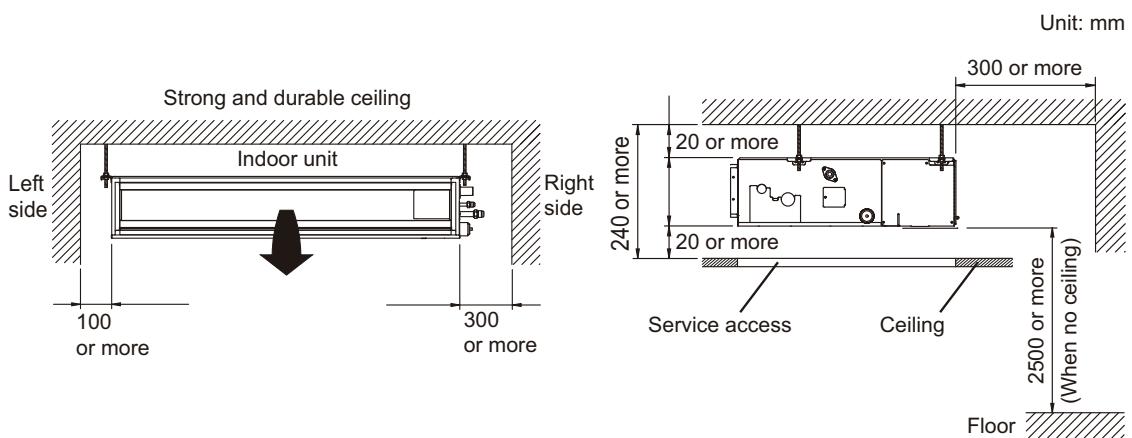
Unit: mm



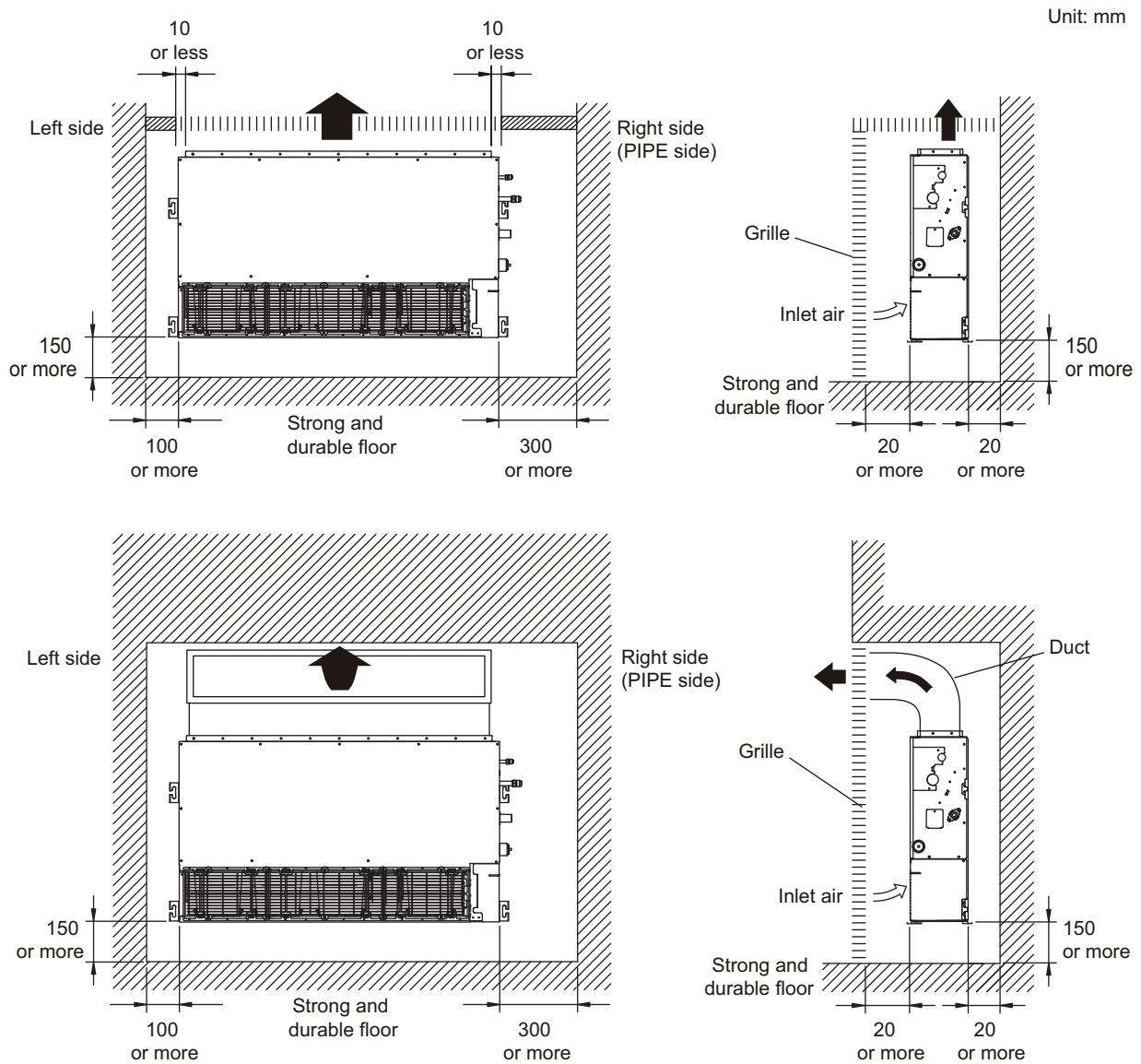
## ■ Installation space requirement

Provide sufficient installation space for product safety.

### In ceiling-concealed installations:



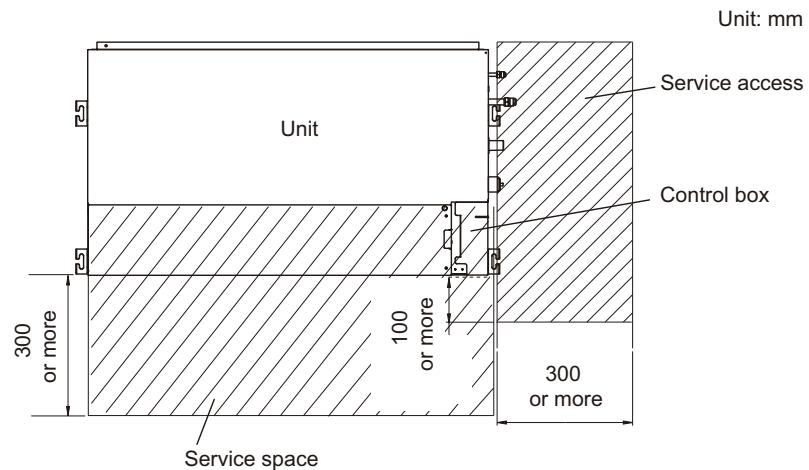
### In wall-concealed installations:



## ■ Maintenance space requirement

For future maintenance and service access, provide sufficient maintenance space.

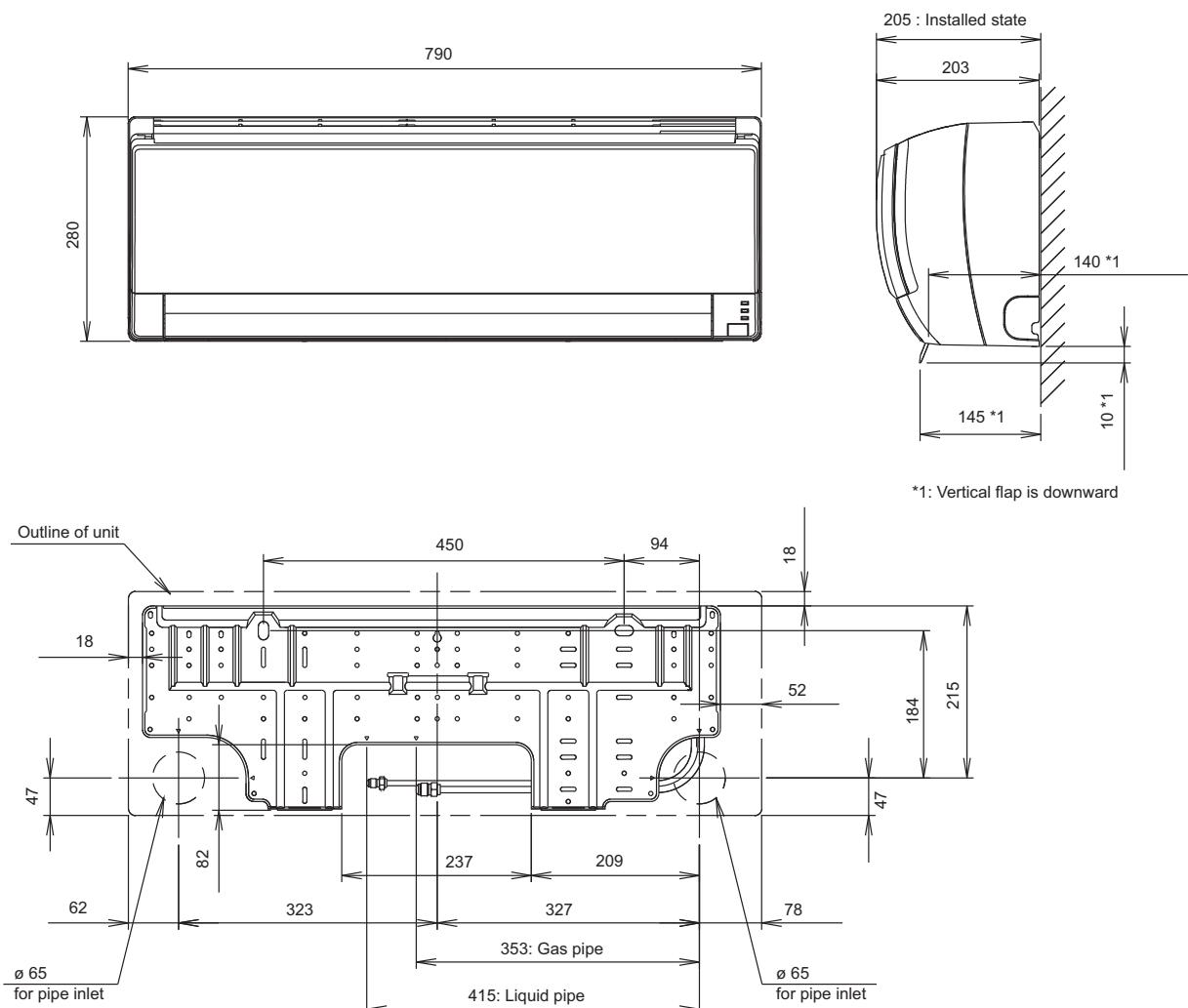
**NOTE:** Do not place any wiring or illumination in the maintenance space, as they will impede service.



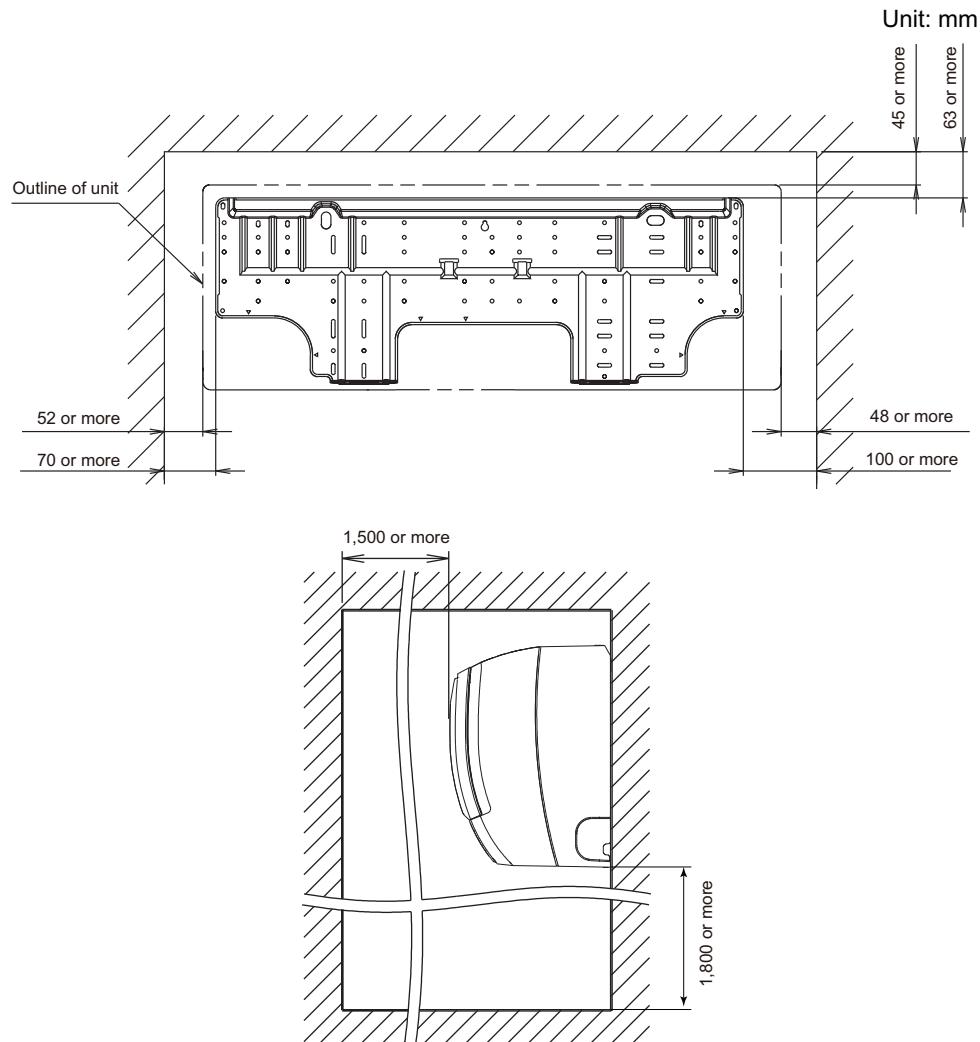
### 3-4. Wall mounted type

■ Models: ASYG07LJCA, ASYG09LJCA, and ASYG12LJCA

Unit: mm



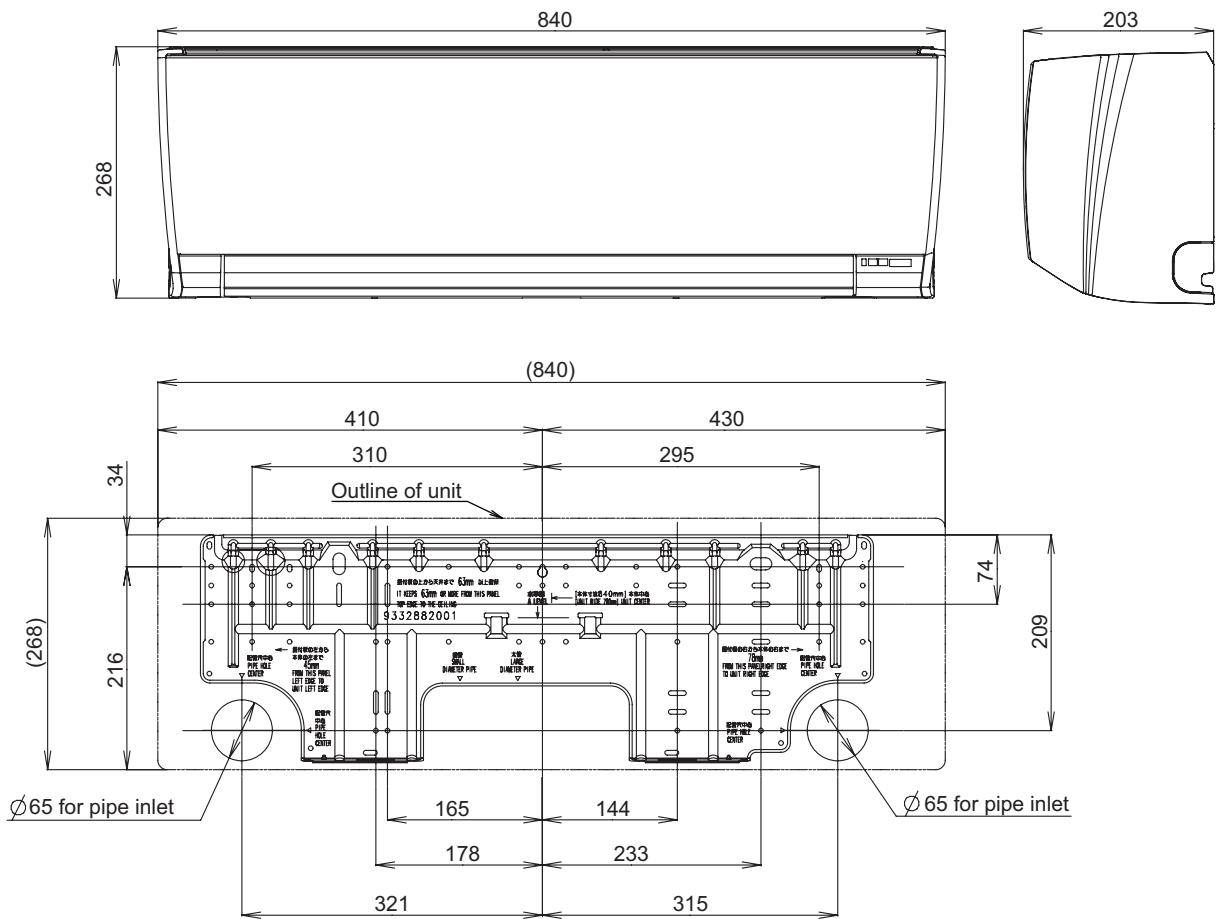
## ● Installation space



■ Models: ASYG07LMCA, ASYG09LMCA, ASYG12LMCA, and ASYG14LMCA

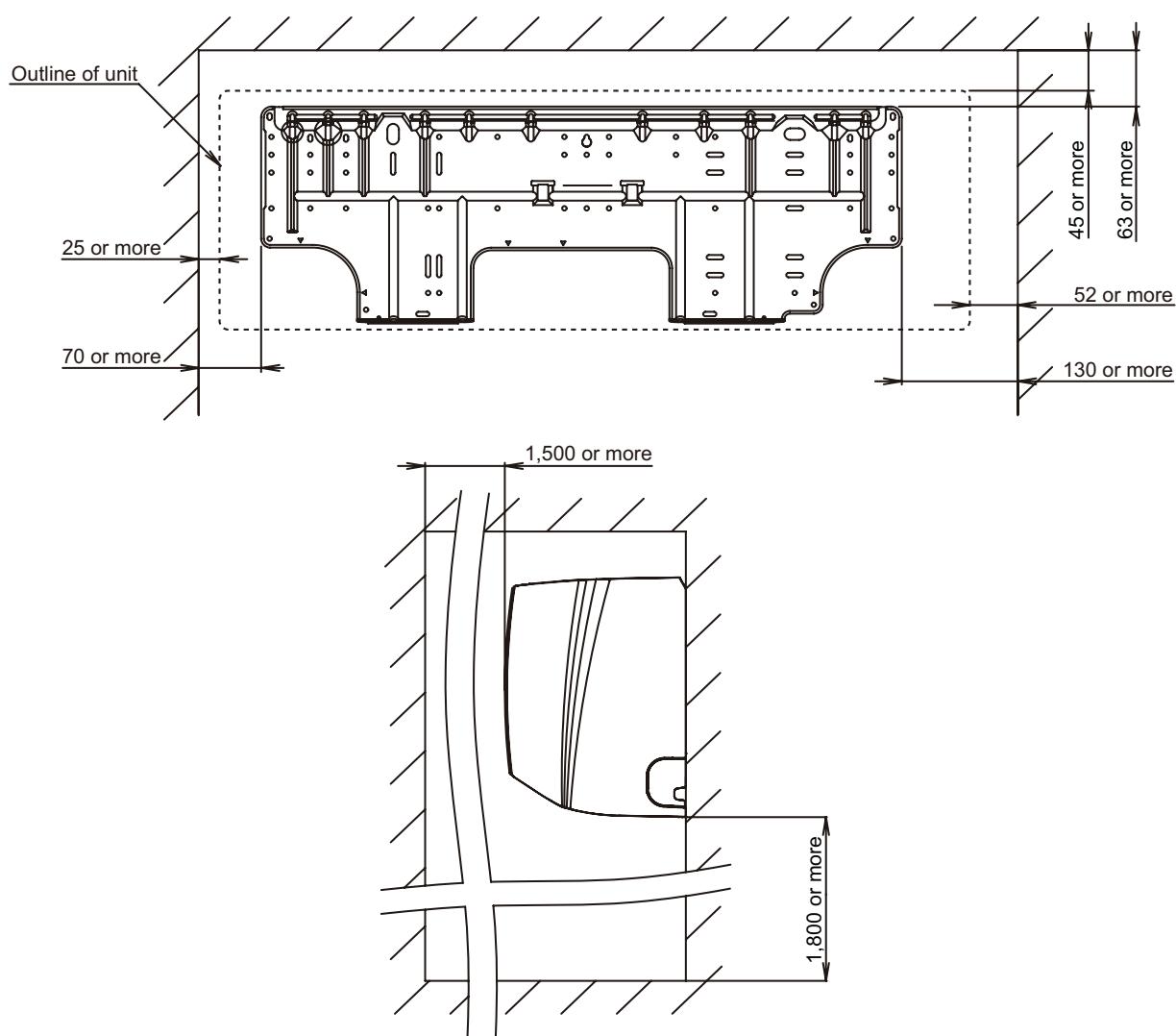
MULTI TYPE  
2, 3, 4 ROOMS TYPE

Unit: mm



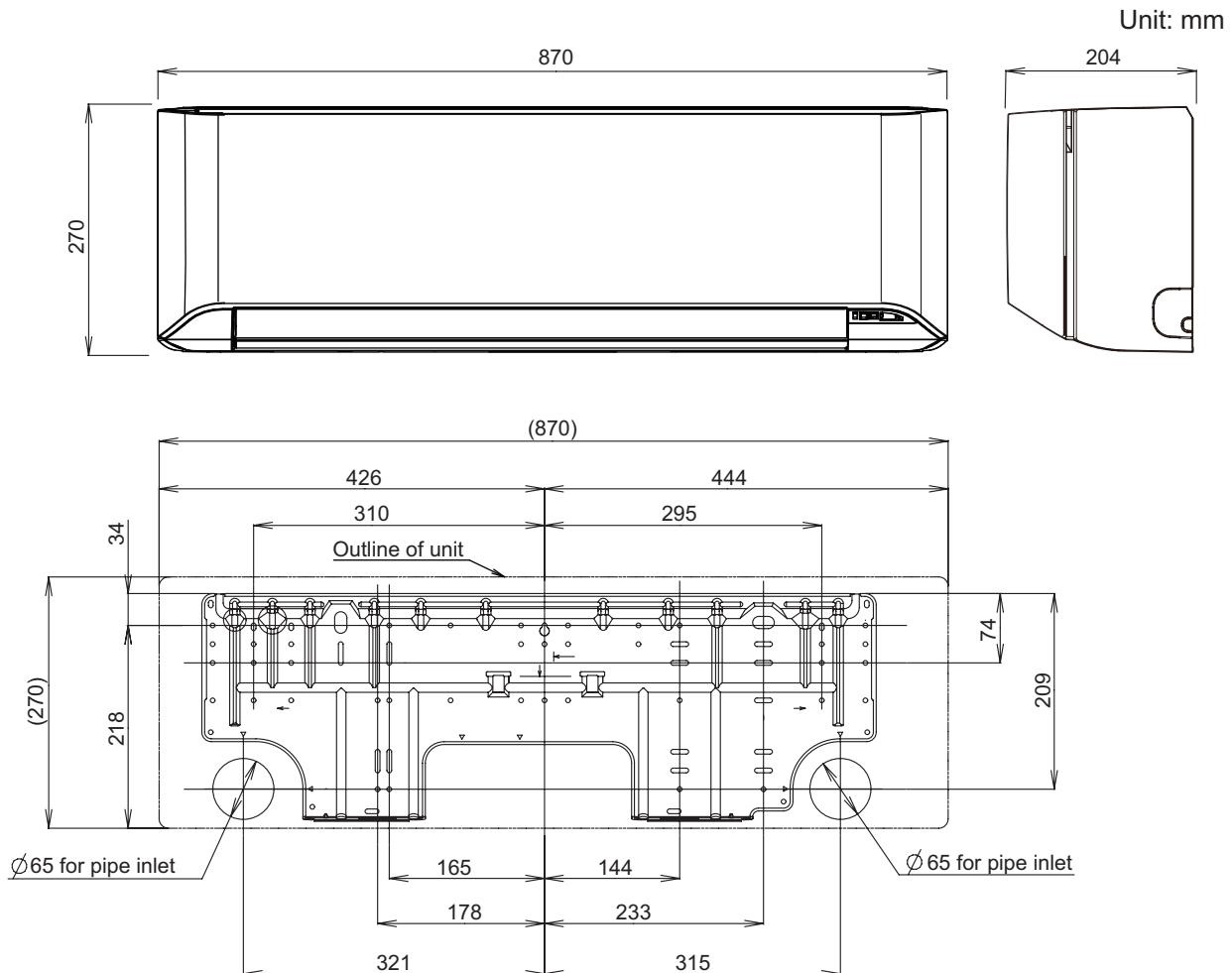
## ● Installation space

Unit: mm



■ Models: ASYG07LMCE, ASYG09LMCE, ASYG12LMCE, and ASYG14LMCE

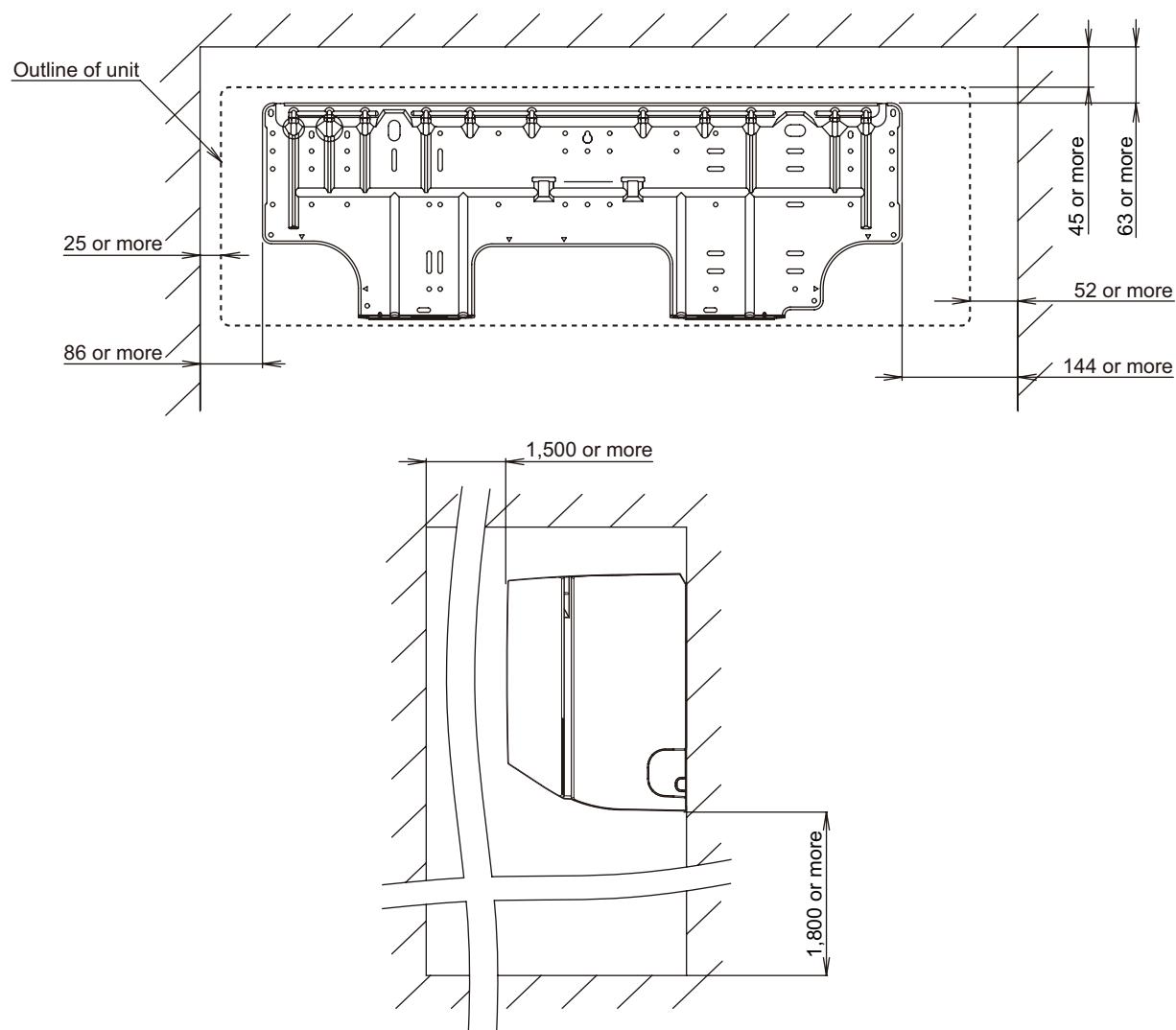
MULTI TYPE  
2, 3, 4 ROOMS TYPE



## ● Installation space requirement

Provide sufficient installation space for product safety.

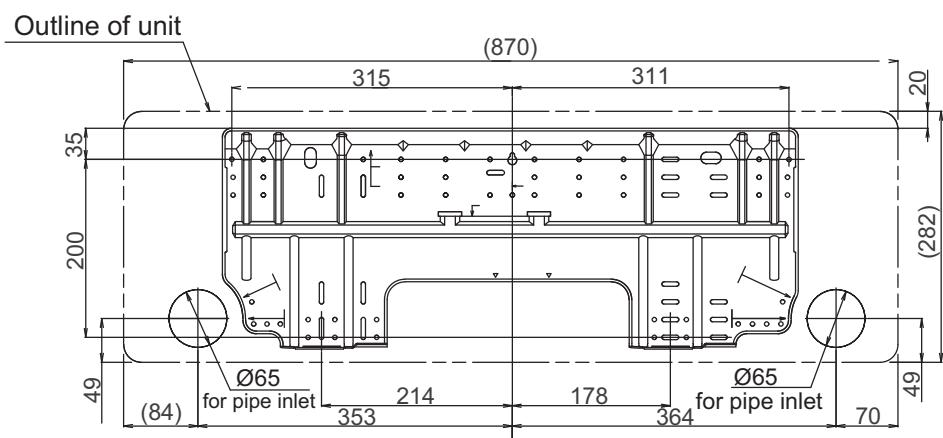
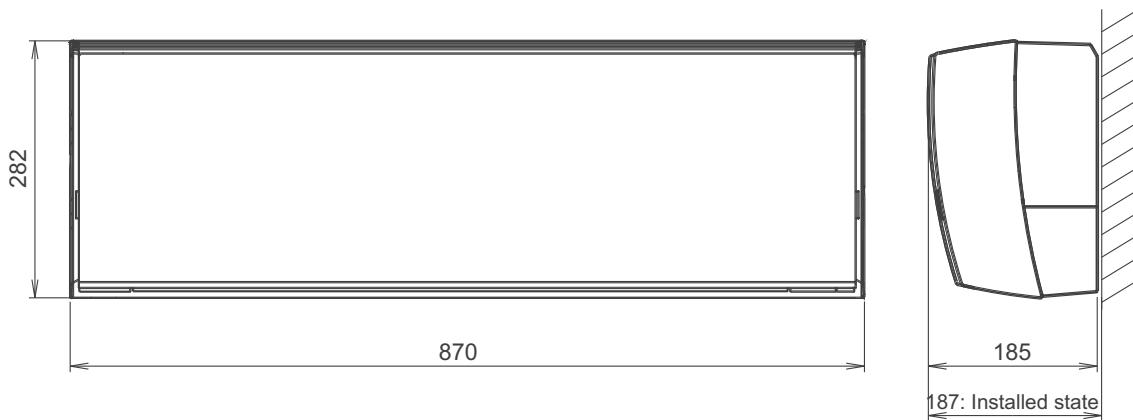
Unit: mm



■ Models: ASYG07LUCA, ASYG09LUCA, ASYG12LUCA, and ASYG14LUCA

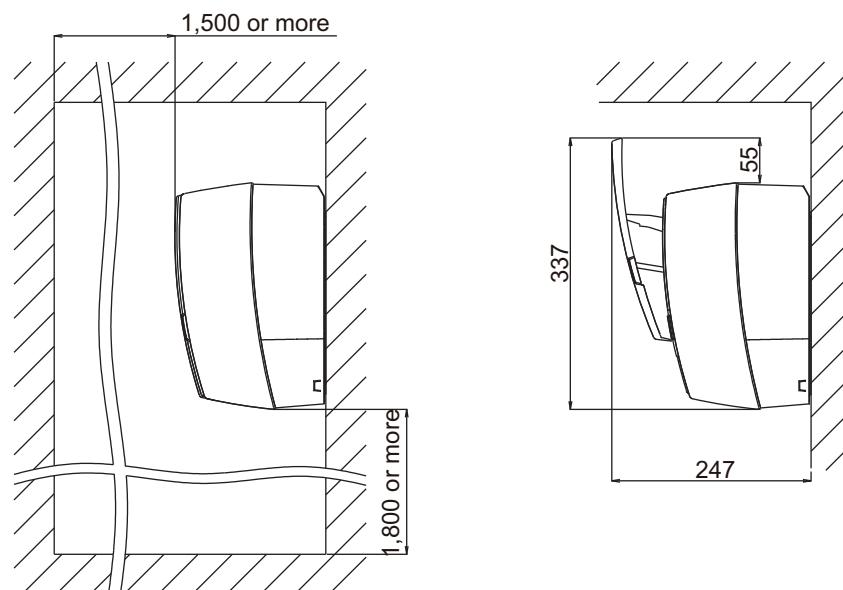
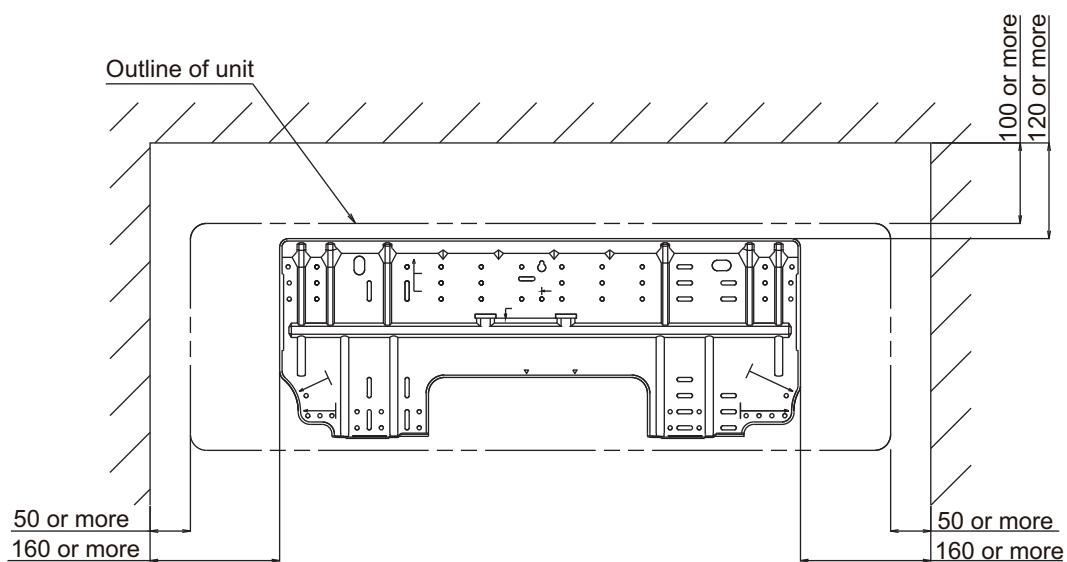
MULTI TYPE  
2, 3, 4 ROOMS TYPE

Unit: in (mm)



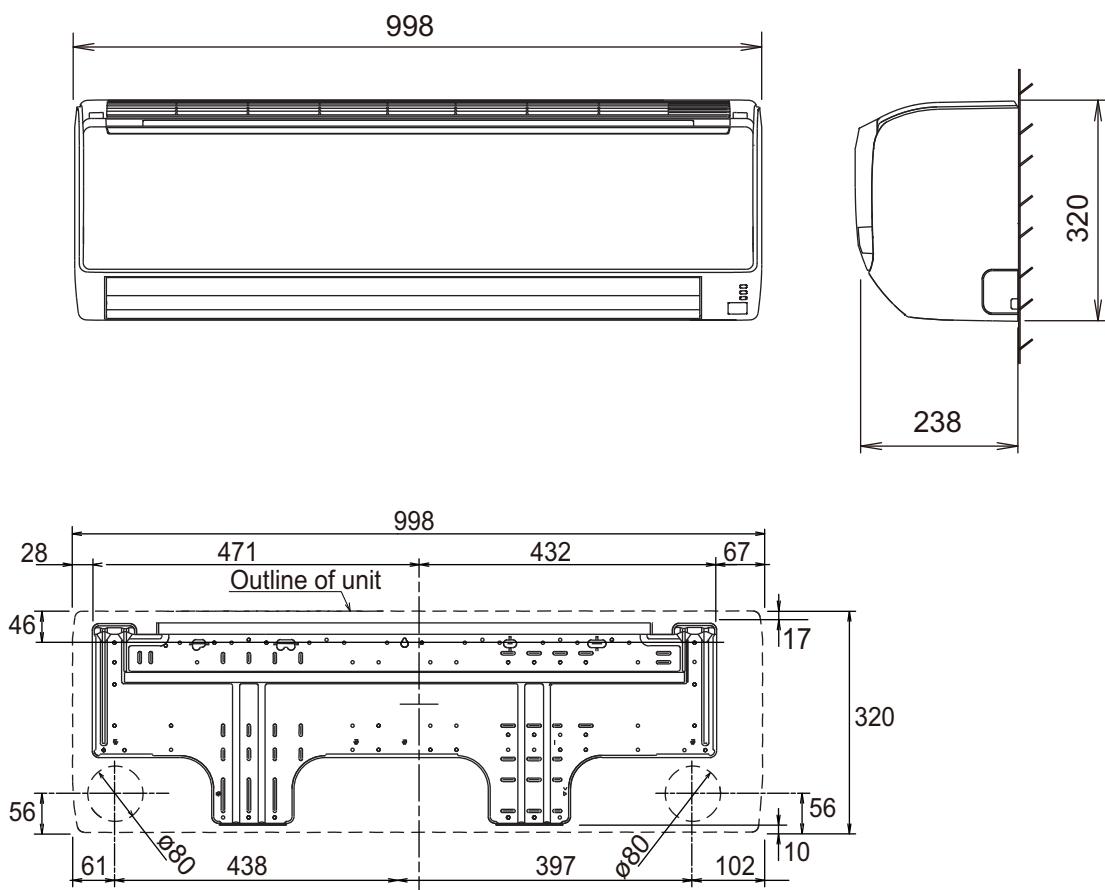
## ● Installation space

Unit: mm



## ■ Models: ASYG18LFCA, ASYG24LFCA, and ASYG24LFCC

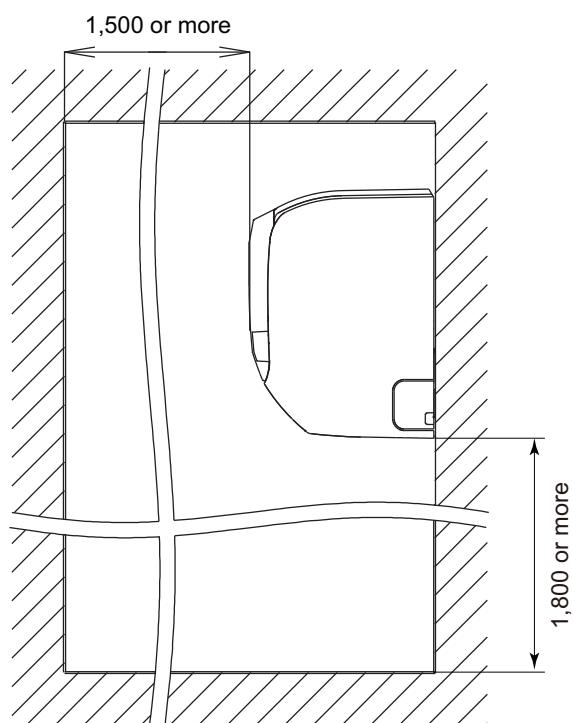
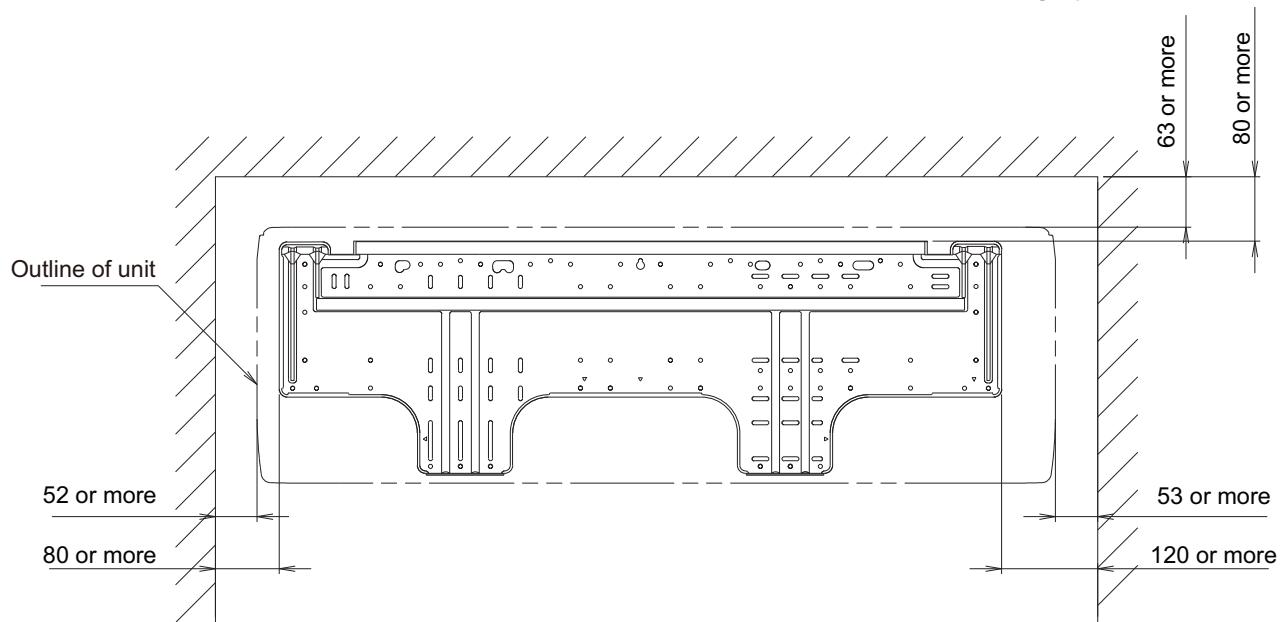
Unit: mm



## ● Installation space

Provide sufficient installation space for product safety.

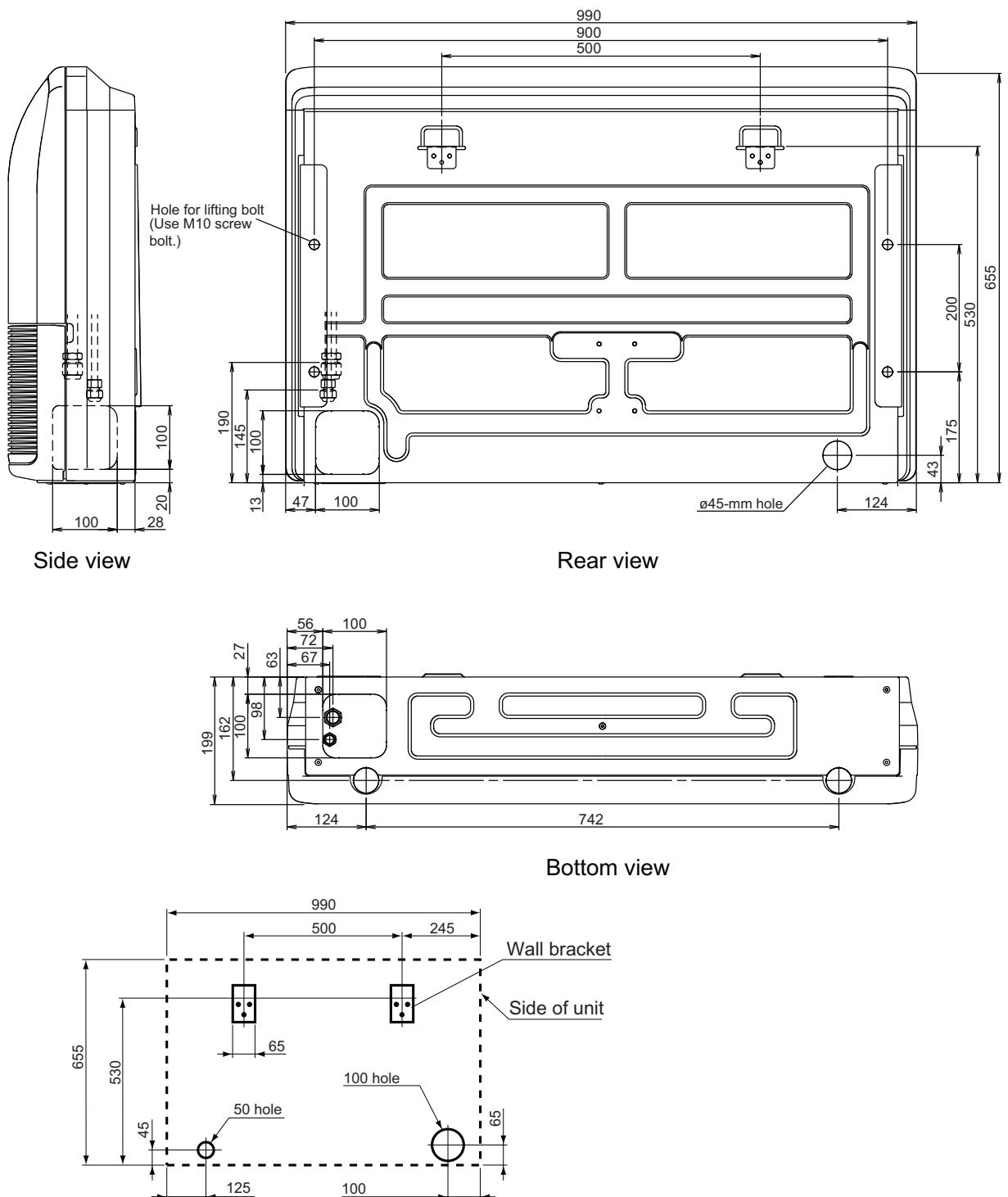
Unit: mm



### 3-5. Floor/Ceiling type

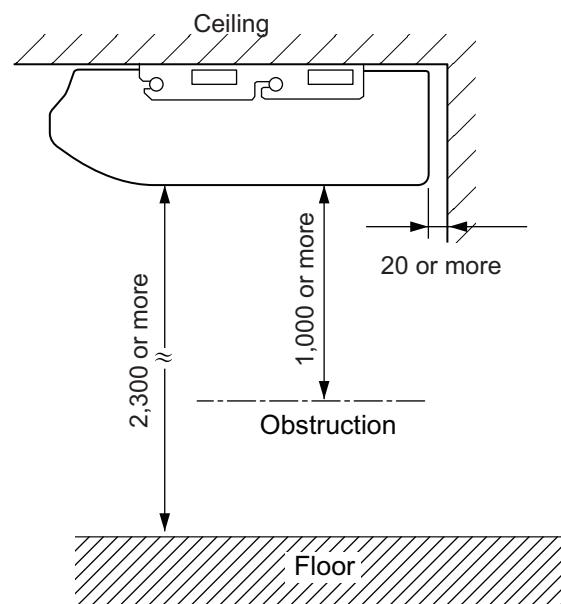
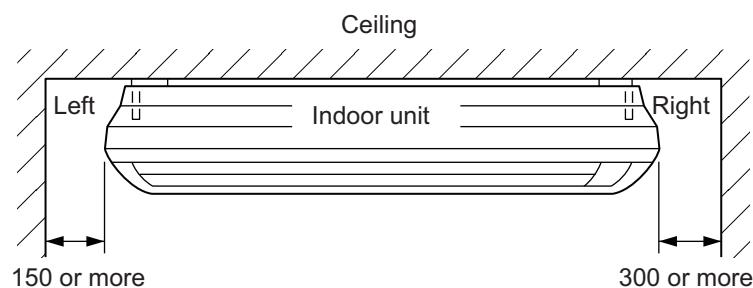
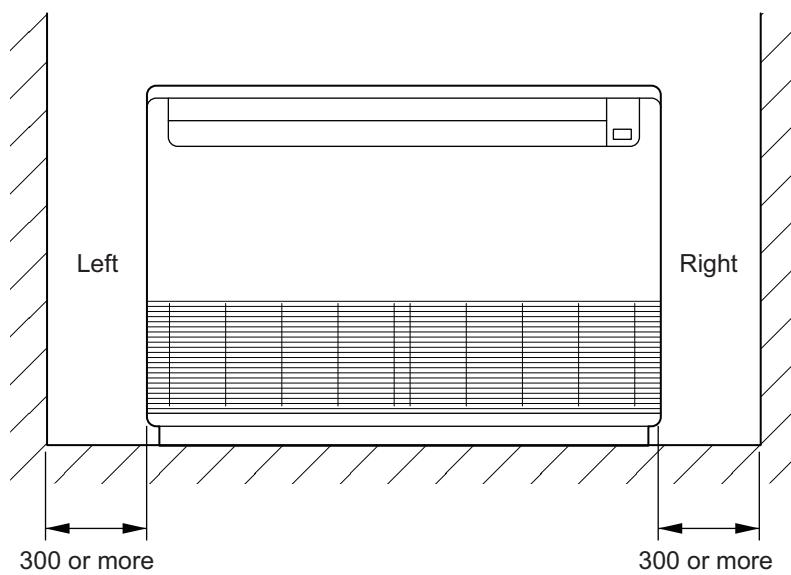
■ Models: ABYG14LVTA, ABYG18LVTA, and ABYG18LVTB

Unit: mm



## ■ Installation space

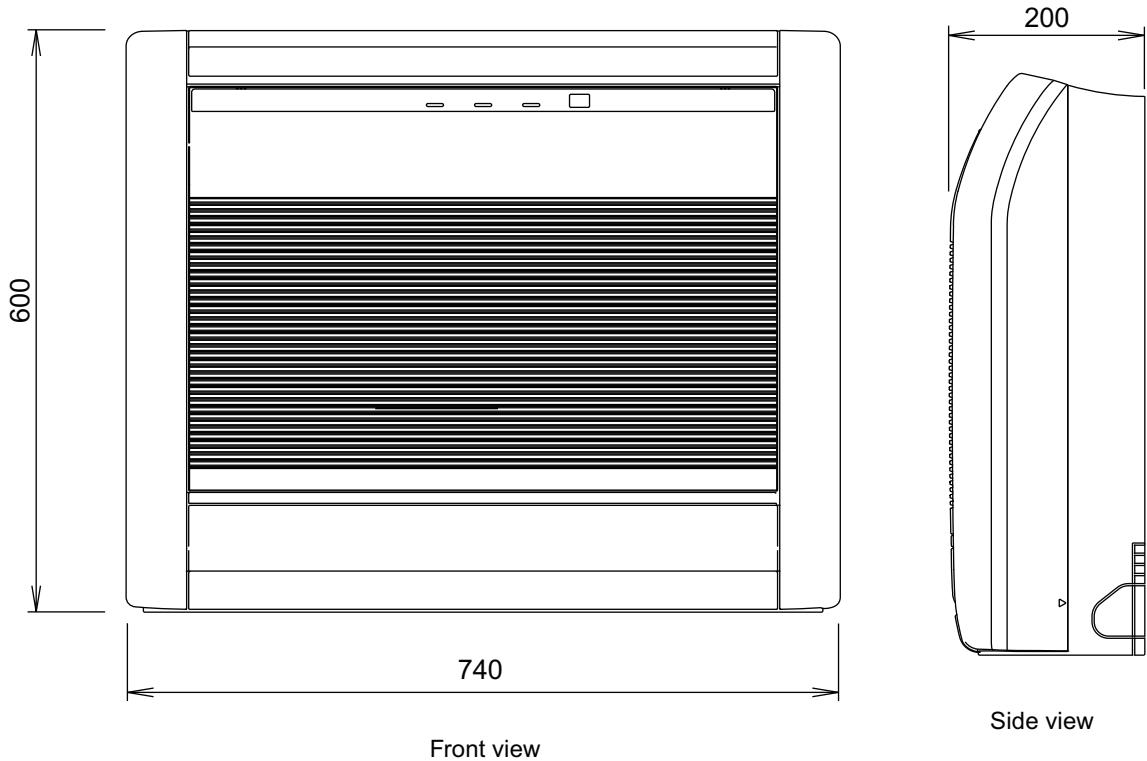
Unit: mm



### 3-6. Floor type

■ Models: AGYG09LVCA, AGYG12LVCA, and AGYG14LVCA

Unit: mm

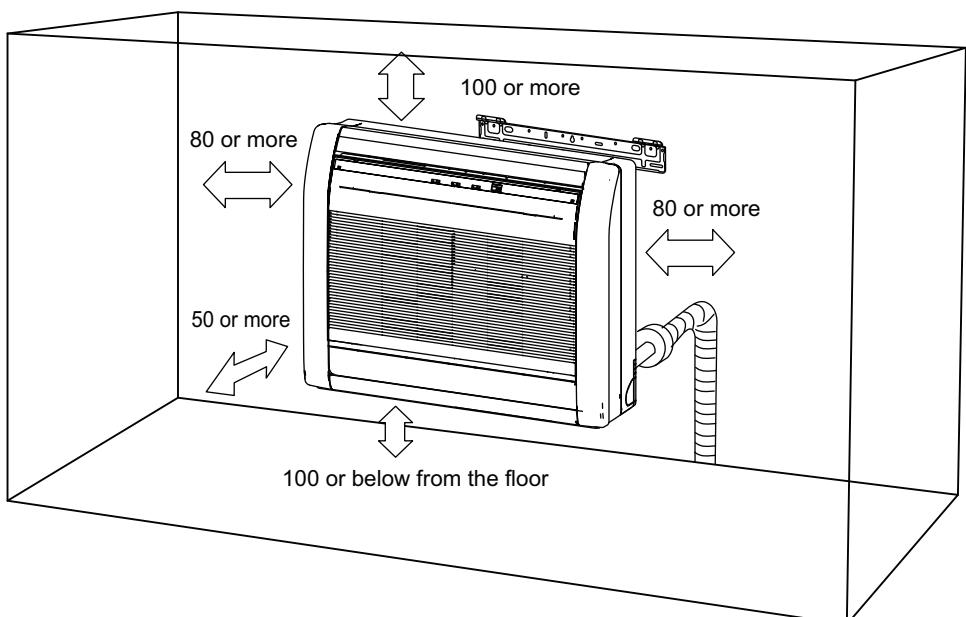


Front view

Side view

### ■ Installation space

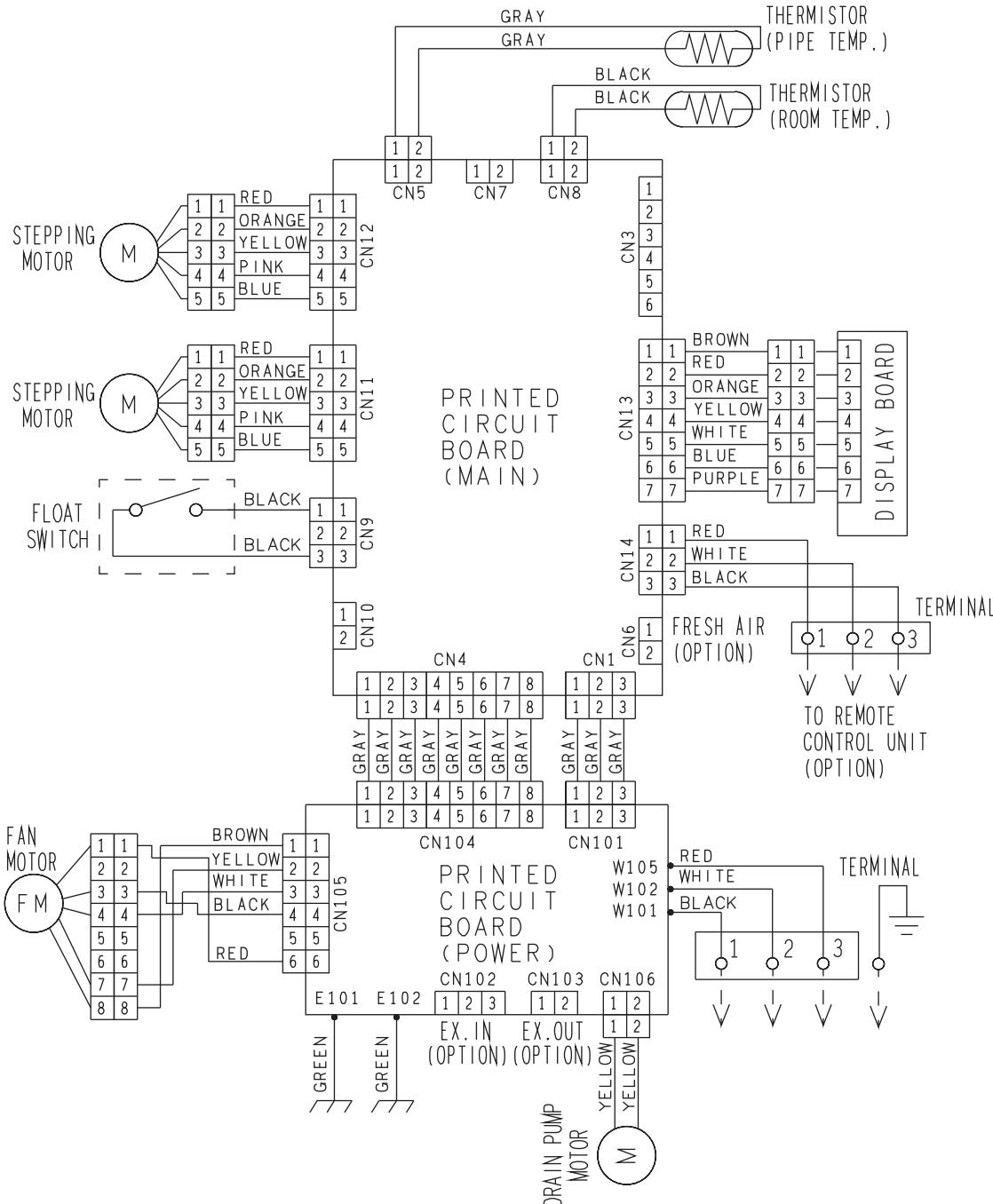
Unit: mm



## 4. Wiring diagrams

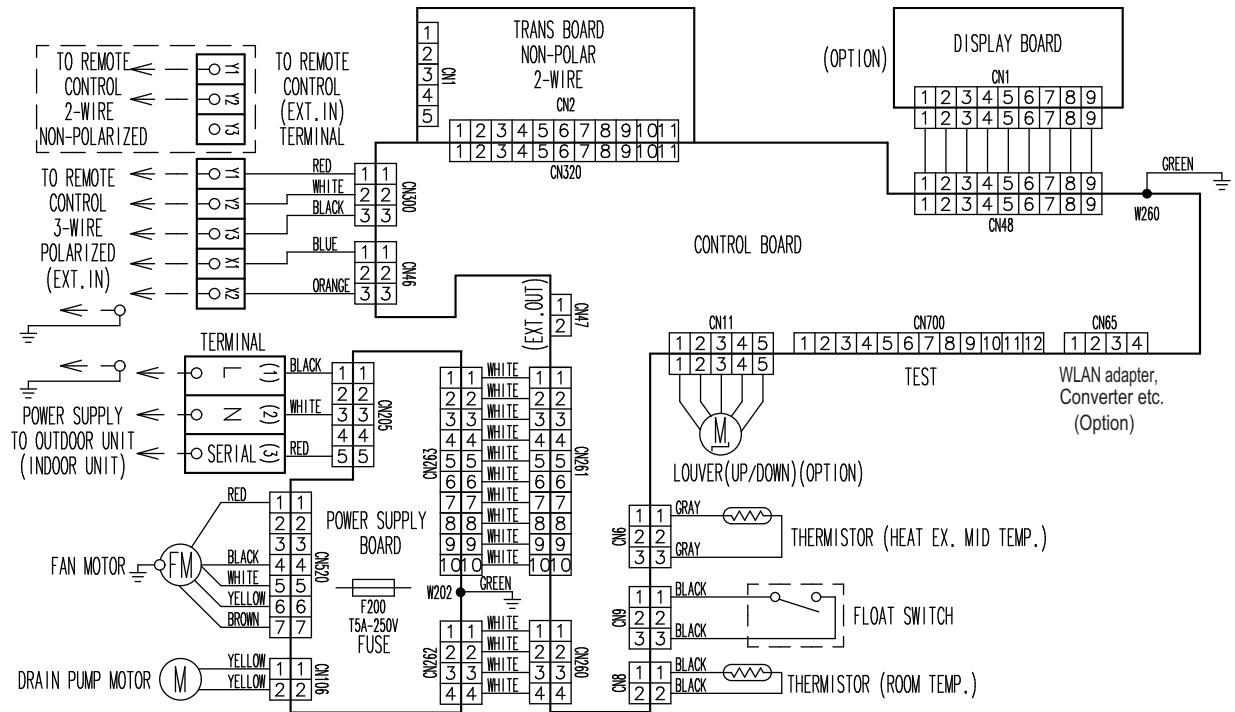
### 4-1. Compact cassette type

■ Models: AUYG07LVLA, AUYG09LVLA, AUYG12LVLA, AUYG14LVLA, AUYG18LVLA, AUYG12LVLB, AUYG14LVLB, and AUYG18LVLB



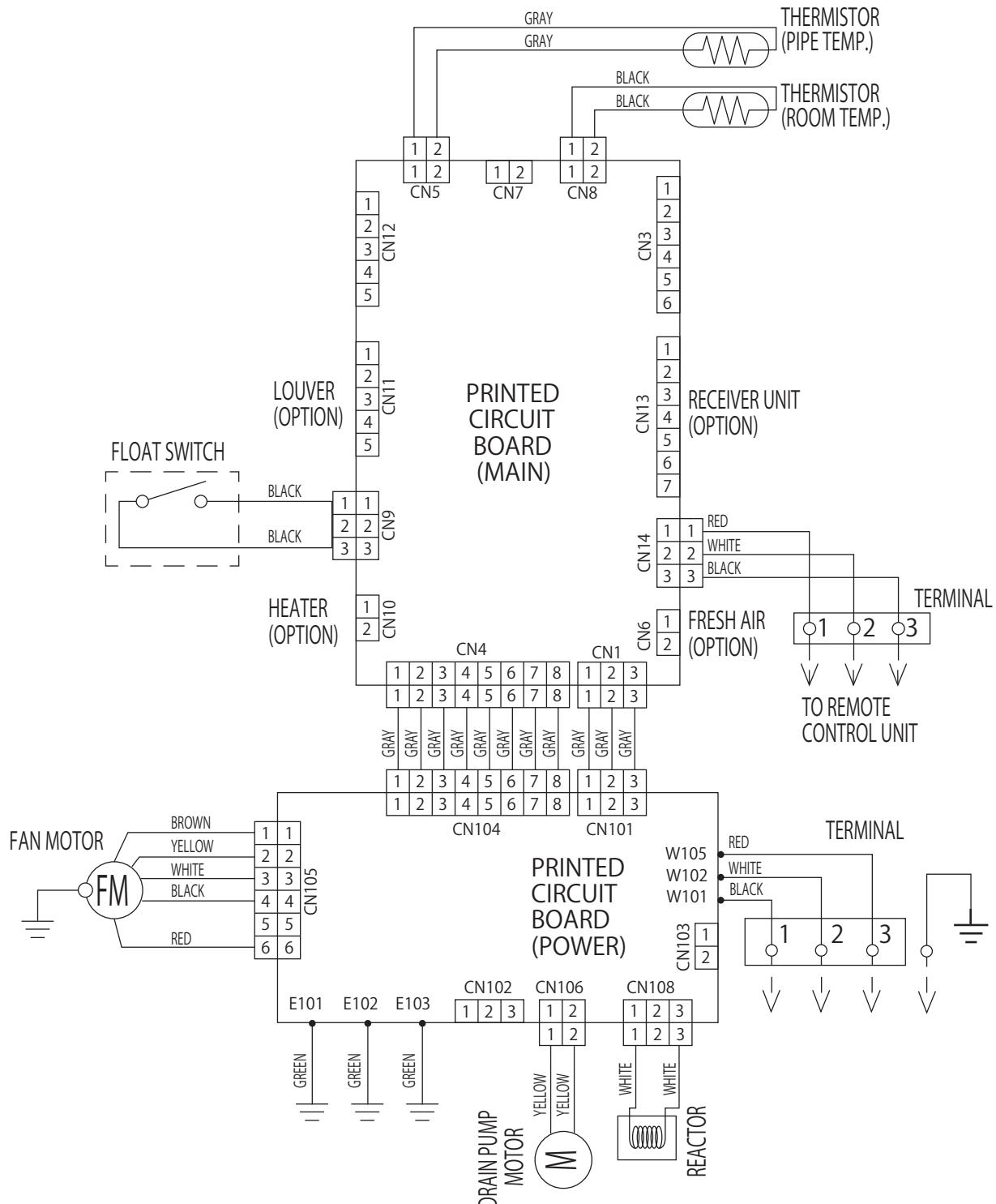
## 4-2. Mini duct type

■ Models: ARYG07LSLAP, ARYG09LSLAP, ARYG12LSLAP, ARYG14LSLAP, and ARYG18LSLAP



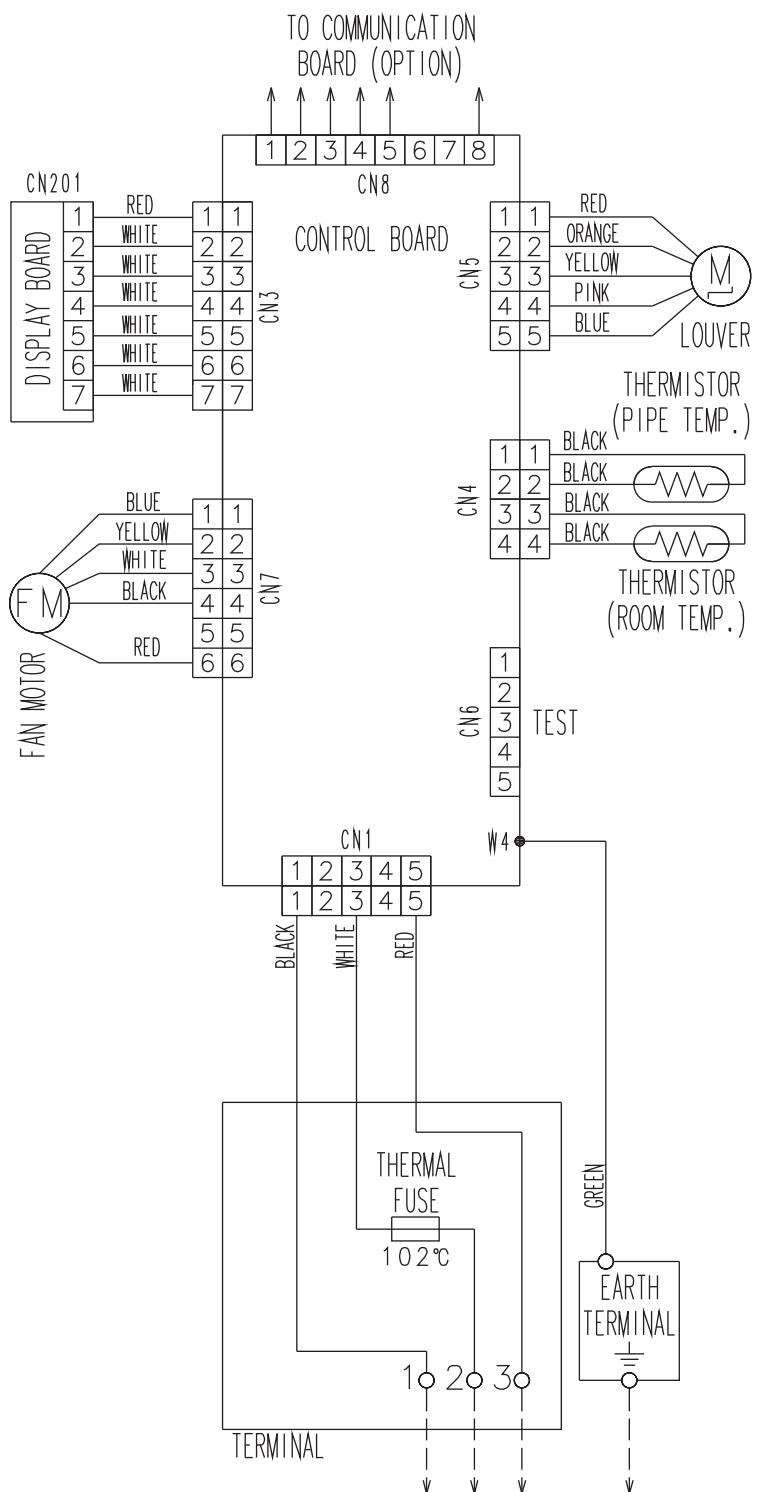
## 4-3. Slim duct type

■ Models: ARYG07LLTA, ARYG09LLTA, ARYG12LLTA, ARYG14LLTA, ARYG18LLTA, ARYG12LLTB, ARYG14LLTB, and ARYG18LLTB

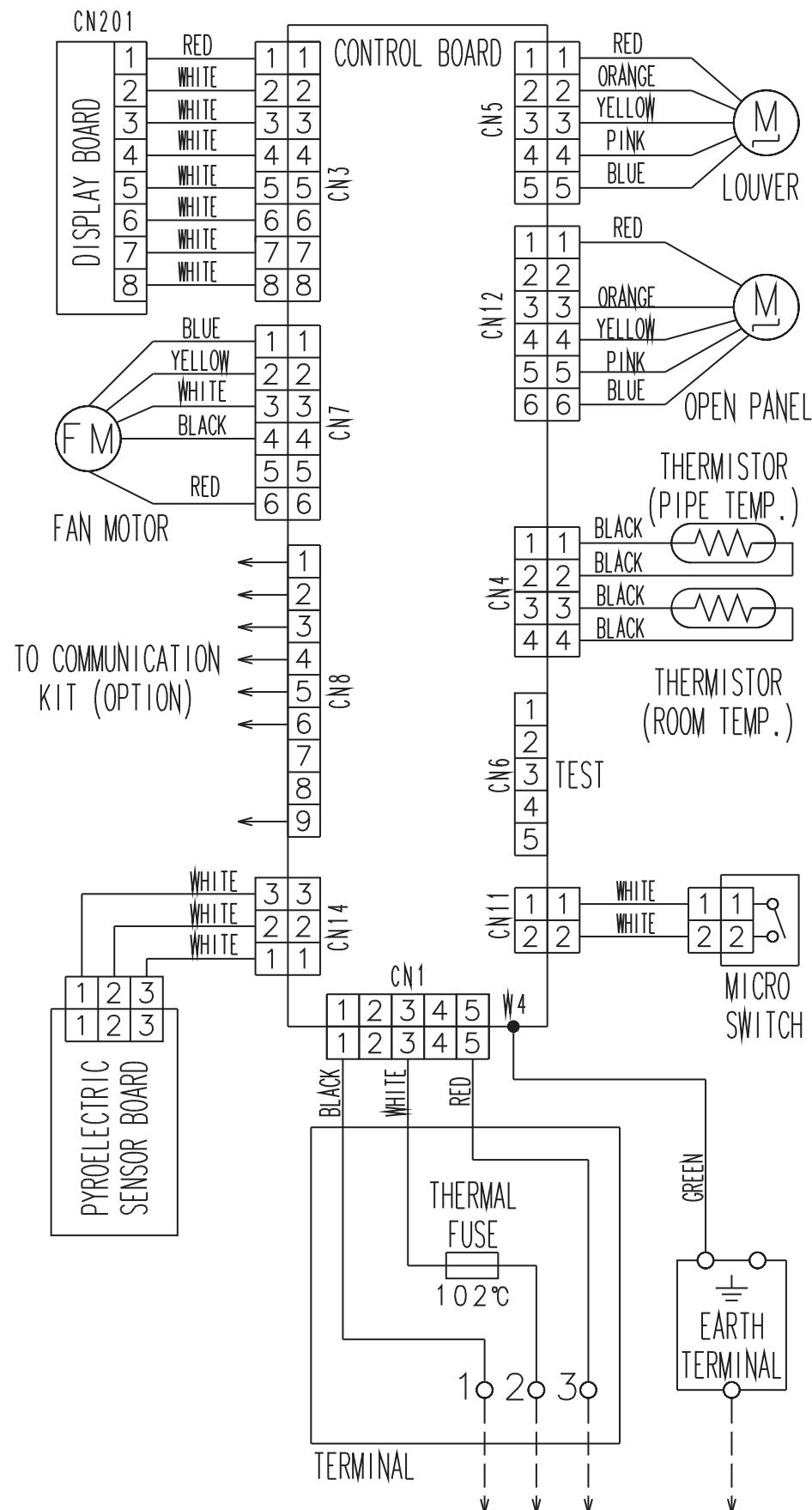


## 4-4. Wall mounted type

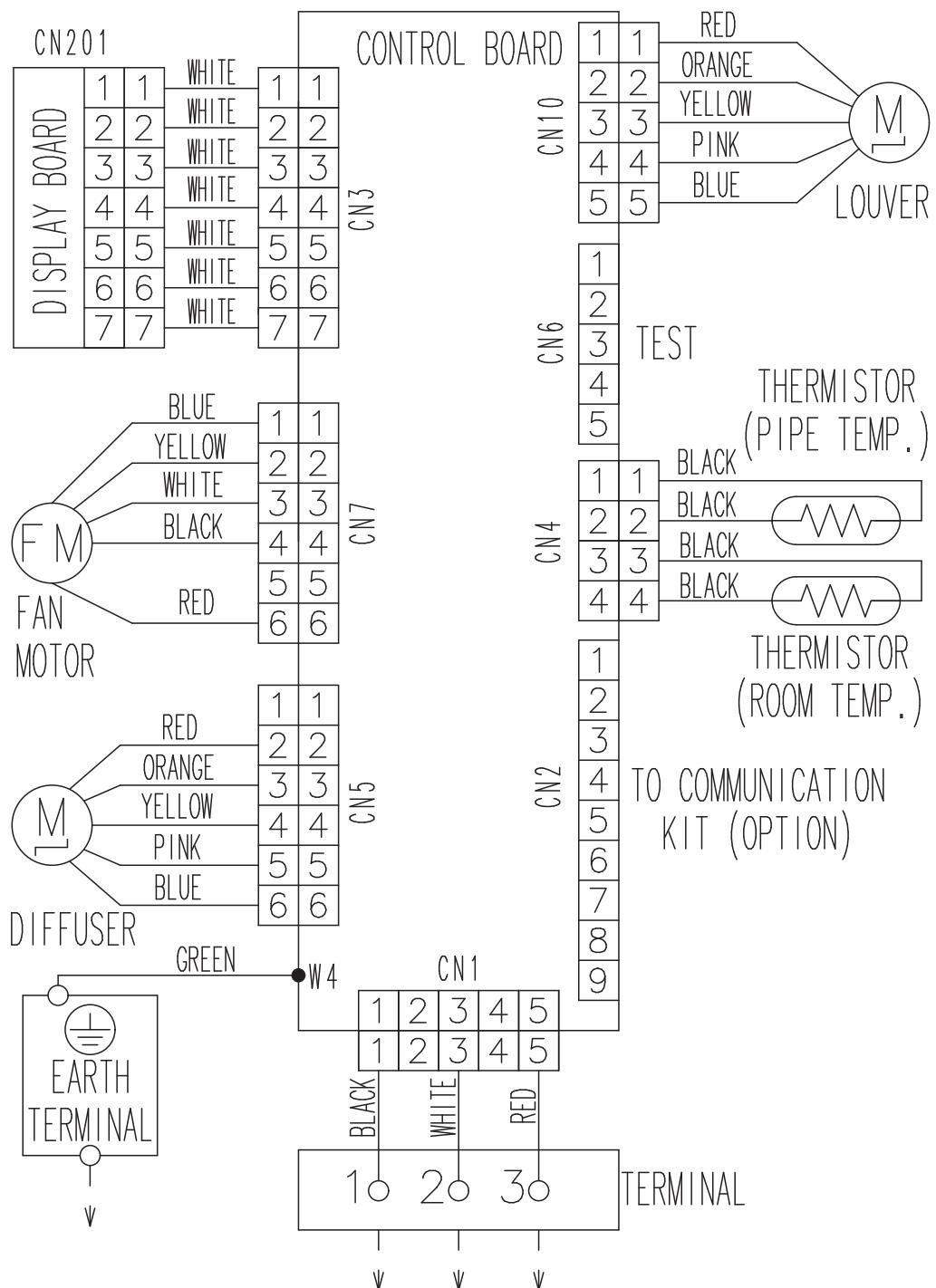
■ Models: ASYG07LJCA, ASYG09LJCA, and ASYG12LJCA



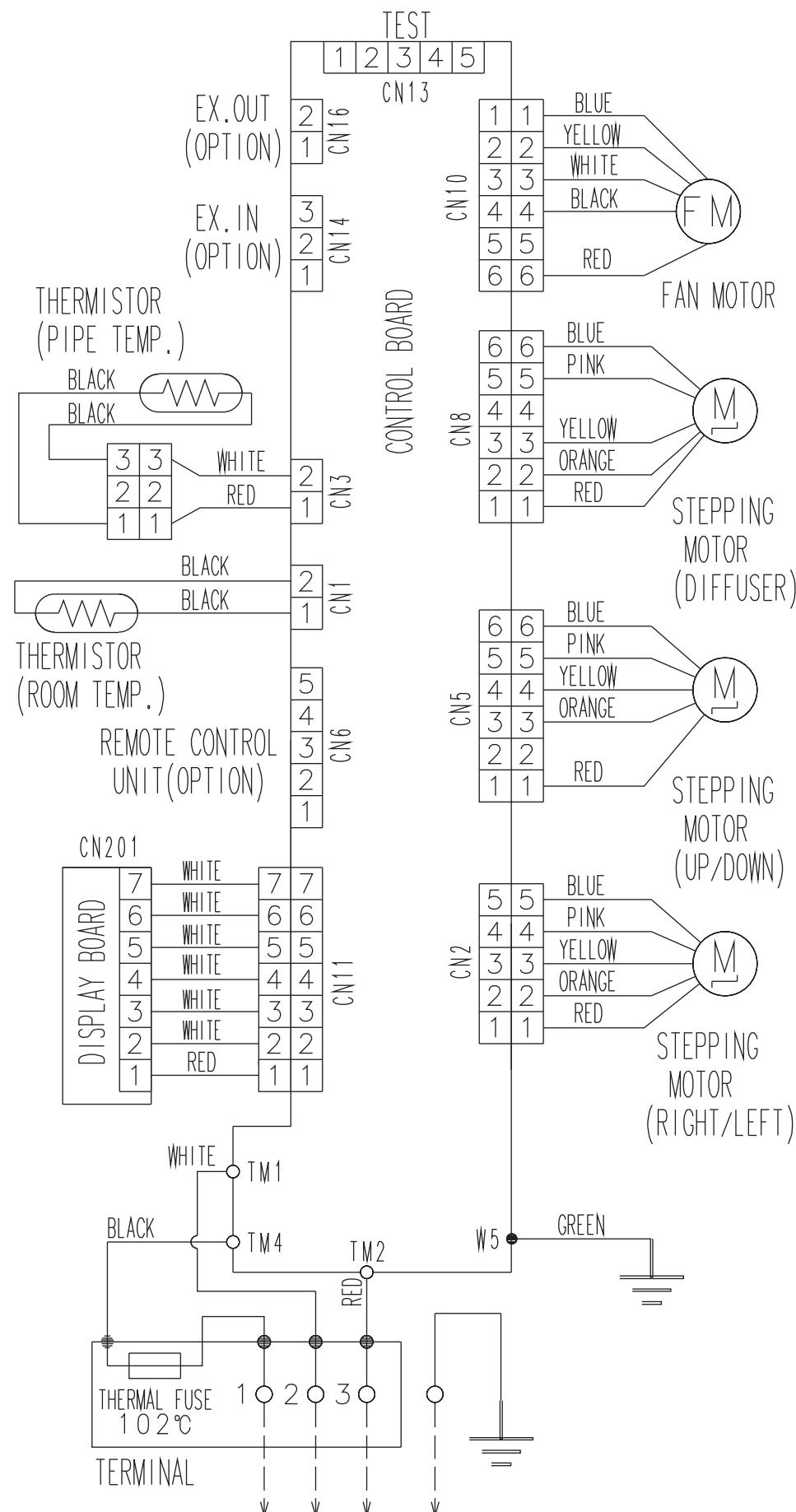
■ Models: ASYG07LUCA, ASYG09LUCA, ASYG12LUCA, and ASYG14LUCA



■ Models: ASYG07LMCA, ASYG09LMCA, ASYG12LMCA,  
ASYG14LMCA, ASYG07LMCE, ASYG09LMCE, ASYG12LMCE  
and ASYG14LMCE

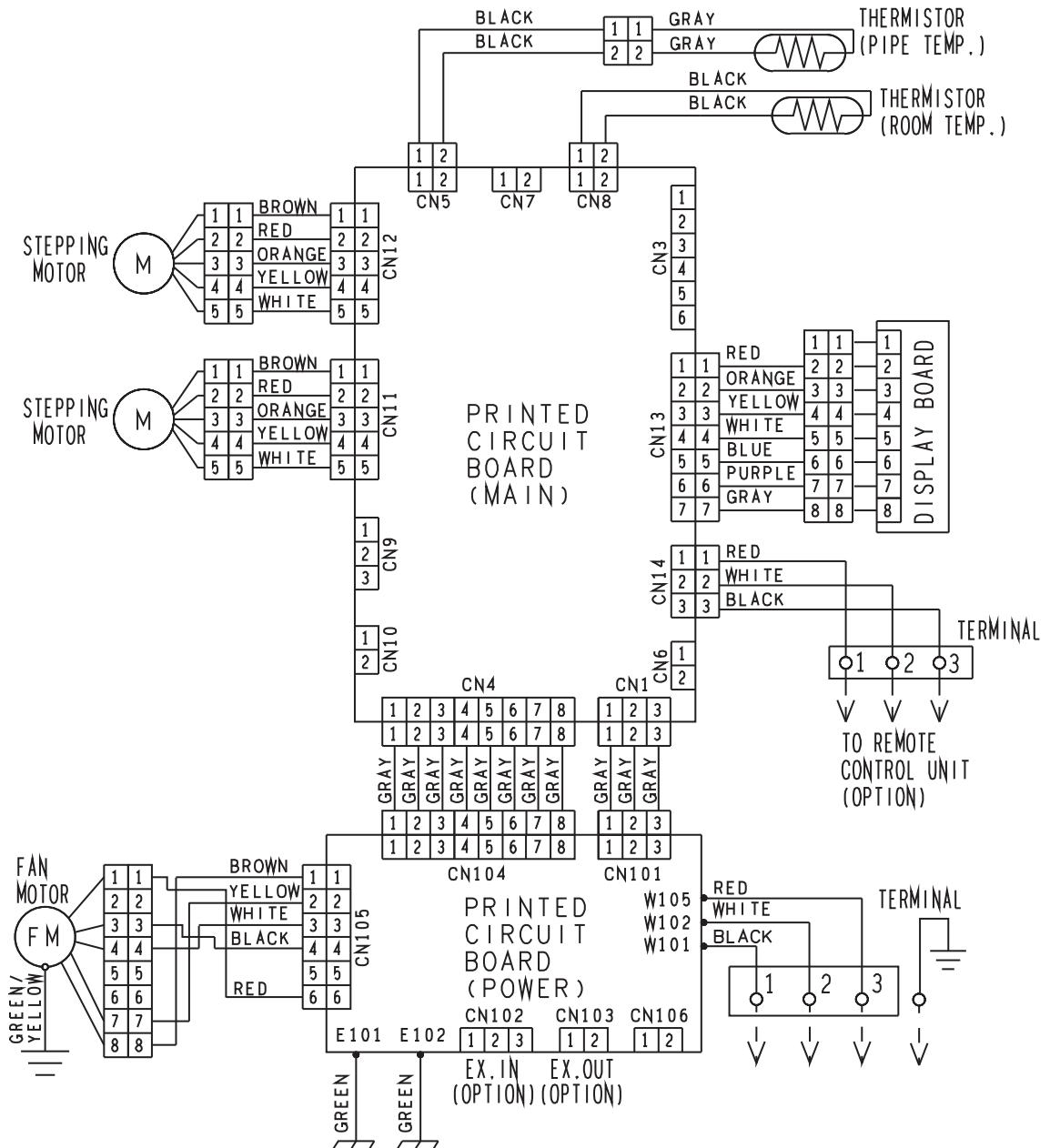


## ■ Models: ASYG18LFCA, ASYG24LFCA, and ASYG24LFCC



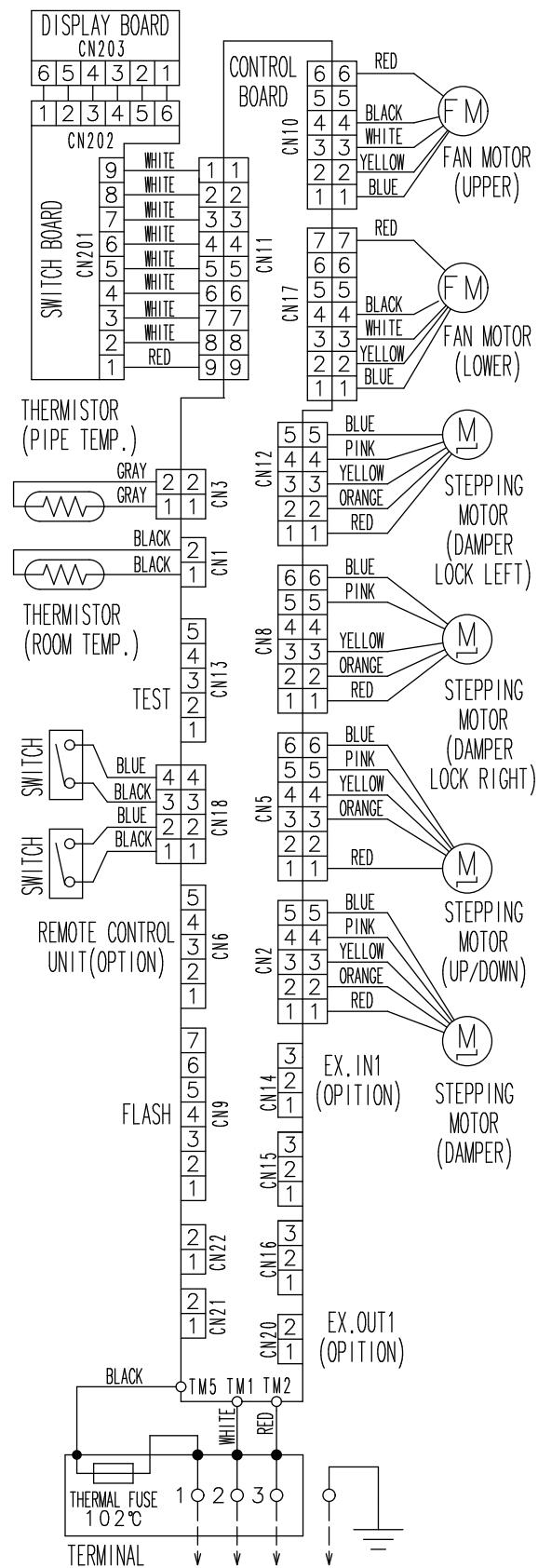
## 4-5. Floor/Ceiling type

### ■ Models: ABYG14LVTA, ABYG18LVTA, and ABYG18LVTB



## 4-6. Floor type

■ Models: AGYG09LVCA, AGYG12LVCA, and AGYG14LVCA



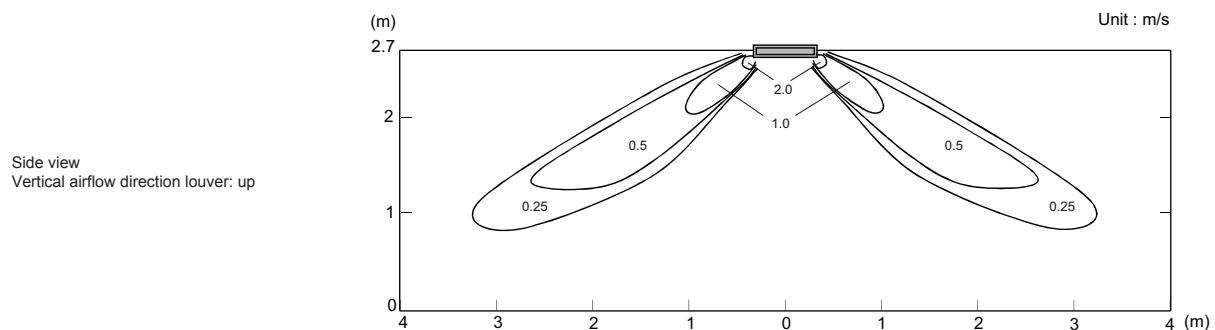
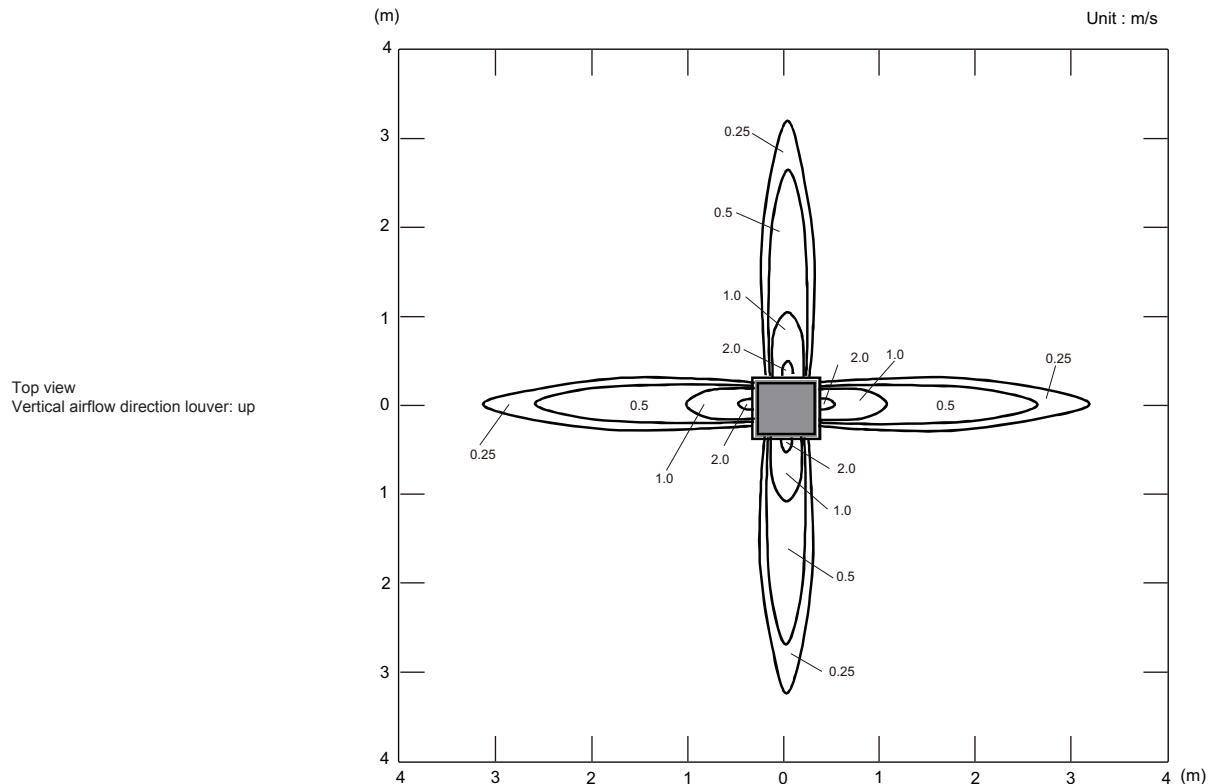
## 5. Air velocity and temperature distributions

### 5-1. Compact cassette type

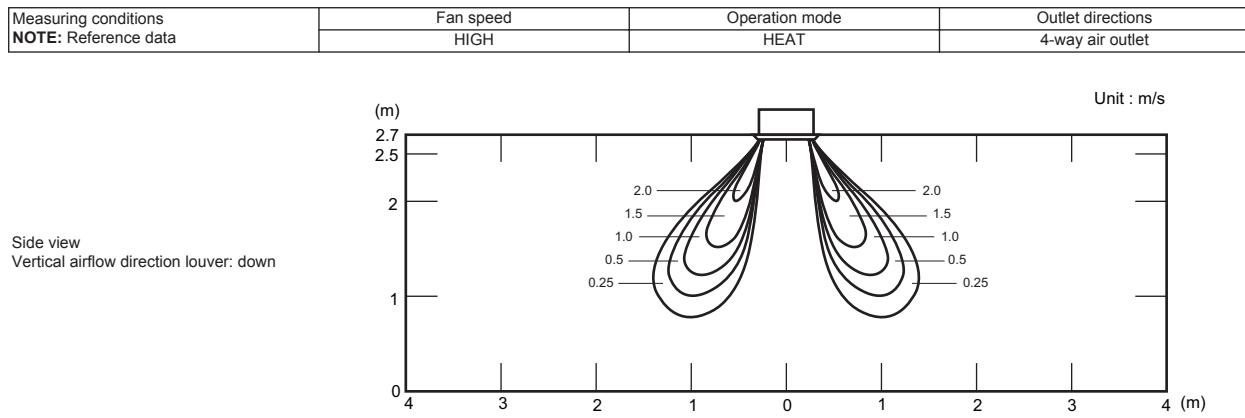
#### ■ Models: AUYG07LVLA and AUYG09LVLA

- Air velocity distribution

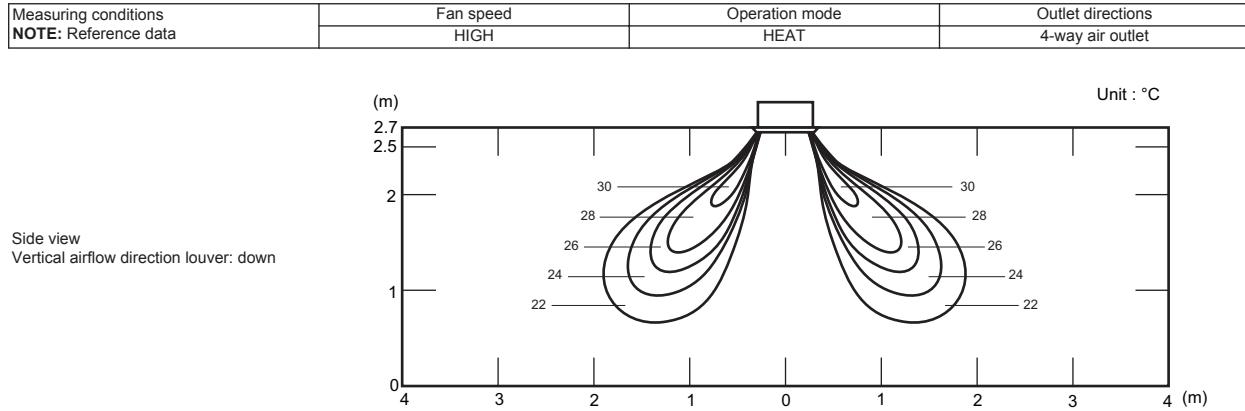
Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



- Air velocity distribution



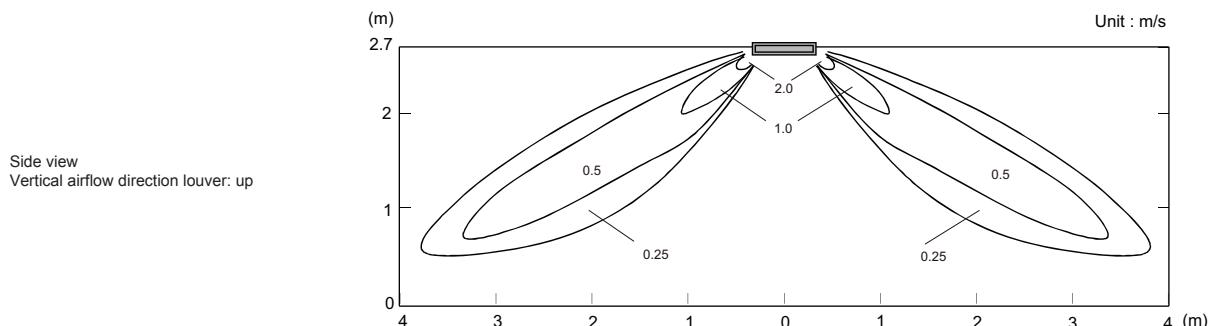
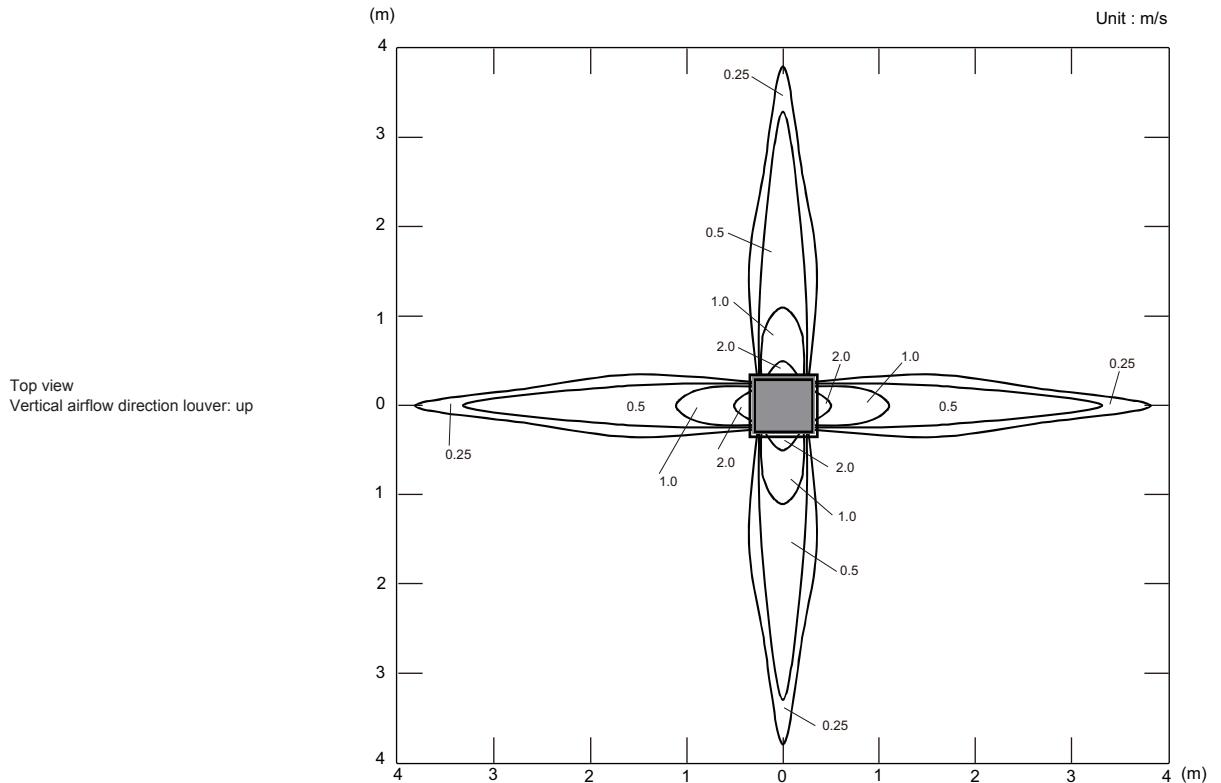
- Air temperature distribution



## ■ Models: AUYG12LVLA and AUYG12LVLB

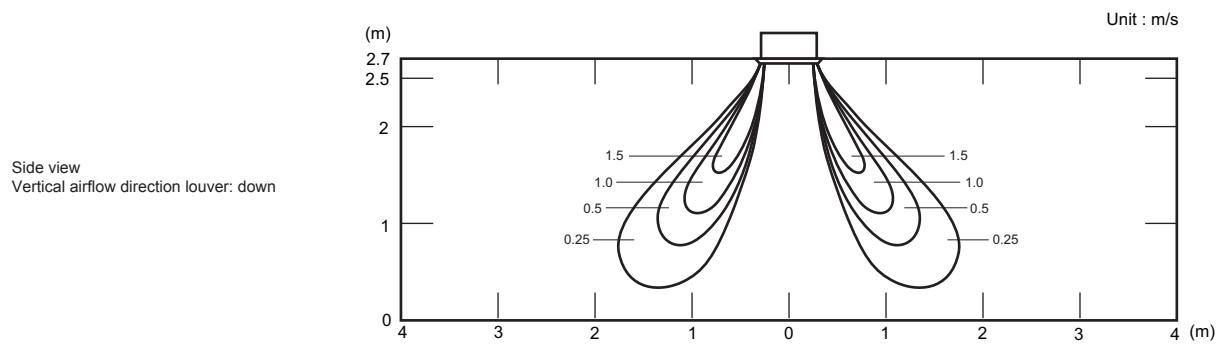
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



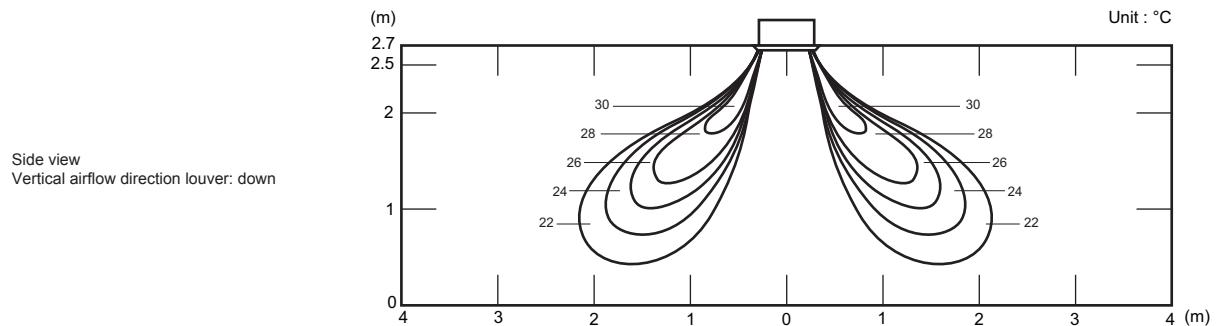
- Air velocity distribution

Measuring conditions <b>NOTE:</b> Reference data	Fan speed <b>HIGH</b>	Operation mode <b>HEAT</b>	Outlet directions <b>4-way air outlet</b>
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- Air temperature distribution

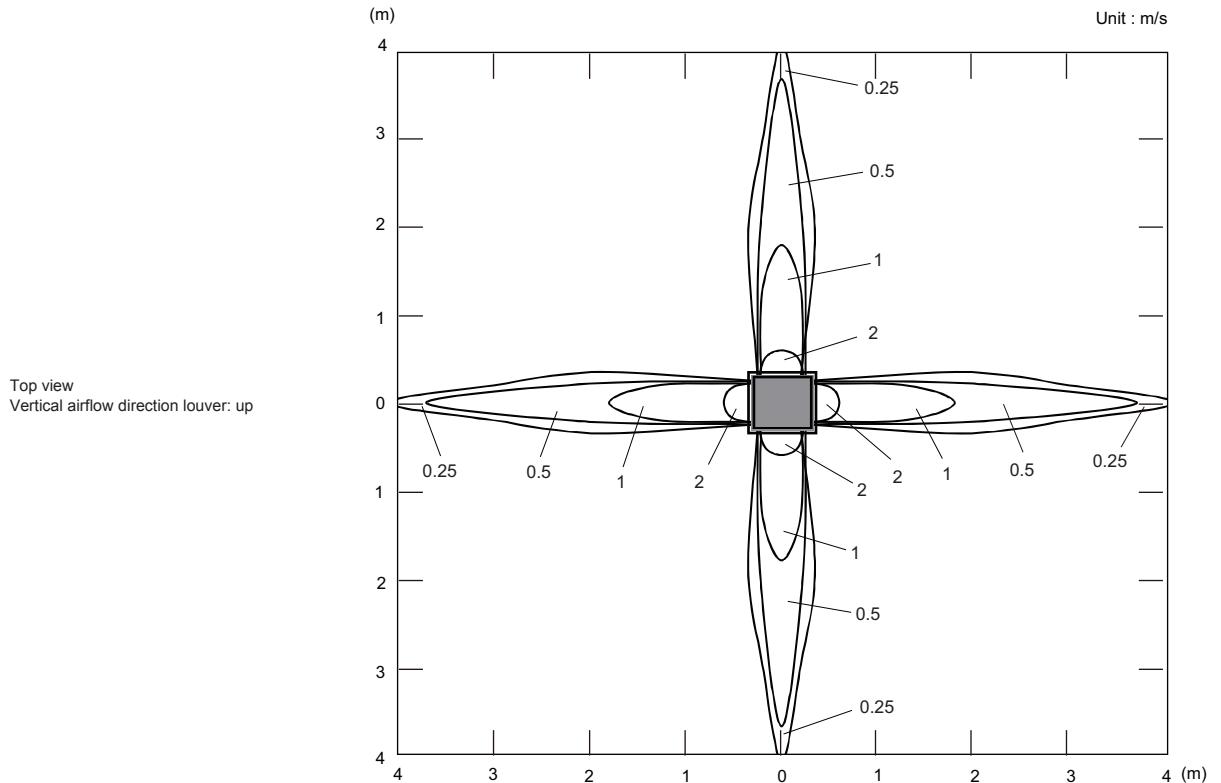
Measuring conditions <b>NOTE:</b> Reference data	Fan speed <b>HIGH</b>	Operation mode <b>HEAT</b>	Outlet directions <b>4-way air outlet</b>
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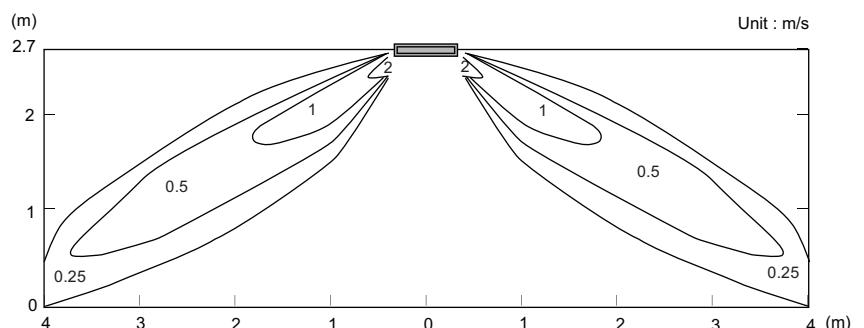
## ■ Models: AUYG14LVLA and AUYG14LVLB

- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



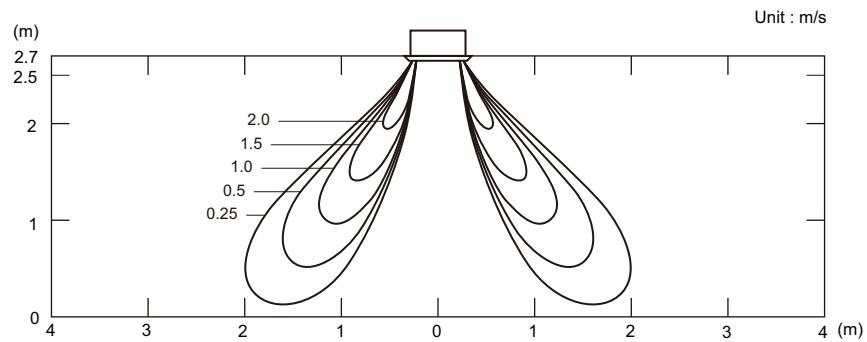
Side view  
Vertical airflow direction louver: up



- Air velocity distribution

Measuring conditions <b>NOTE:</b> Reference data	Fan speed <b>HIGH</b>	Operation mode <b>HEAT</b>	Outlet directions 4-way air outlet
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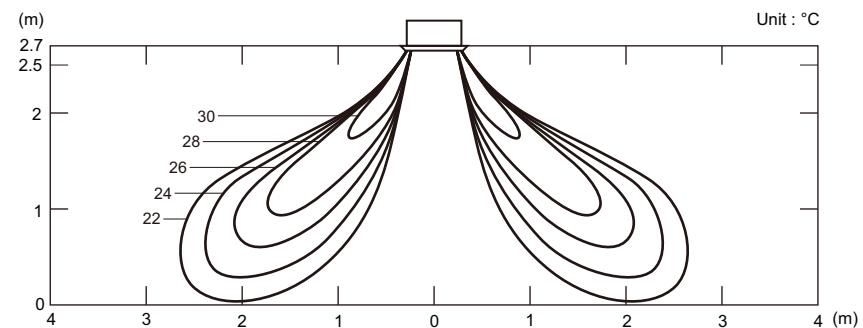
Side view  
Vertical airflow direction louver: down



- Air temperature distribution

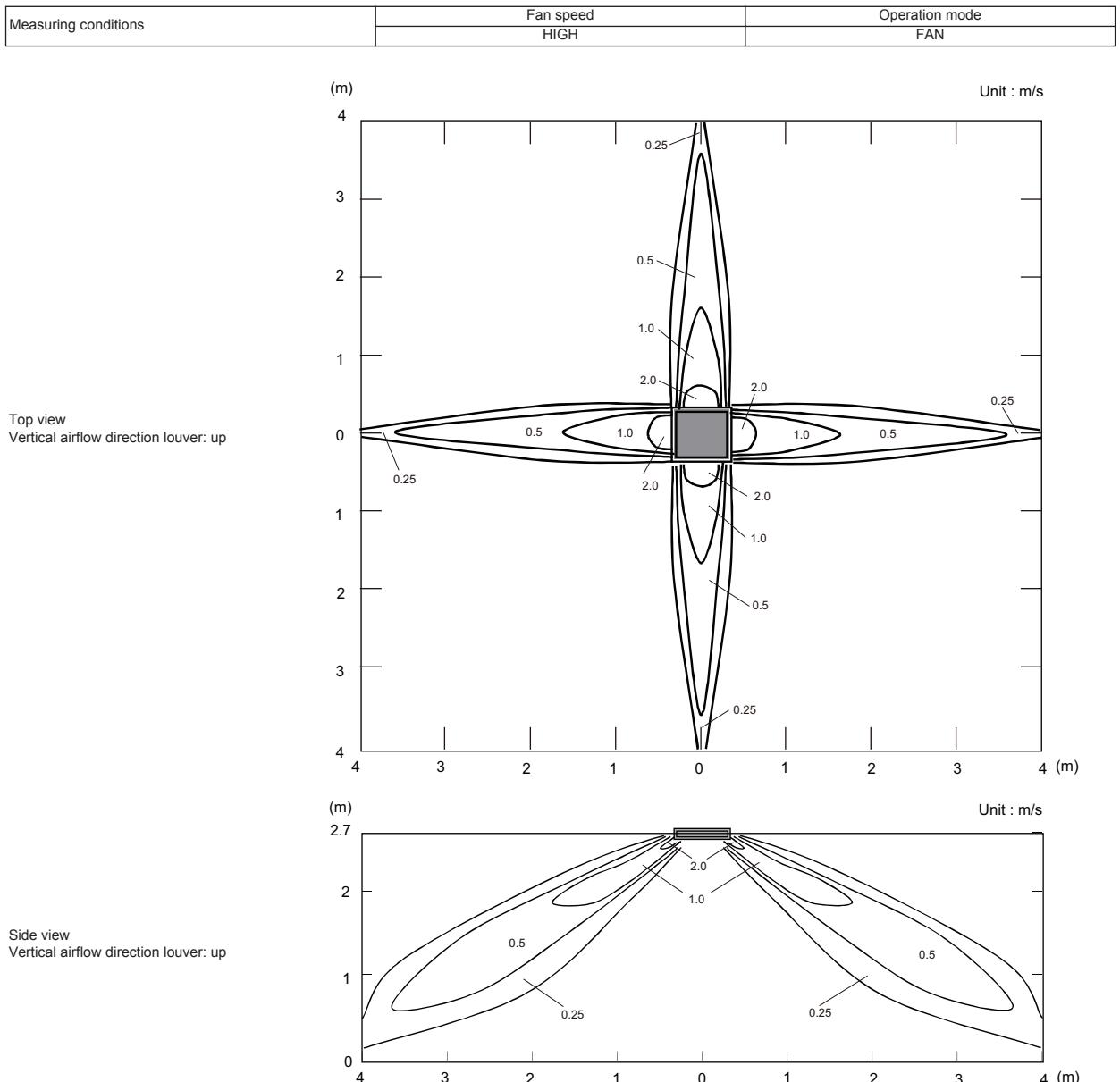
Measuring conditions <b>NOTE:</b> Reference data	Fan speed <b>HIGH</b>	Operation mode <b>HEAT</b>	Outlet directions 4-way air outlet
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Side view  
Vertical airflow direction louver: down



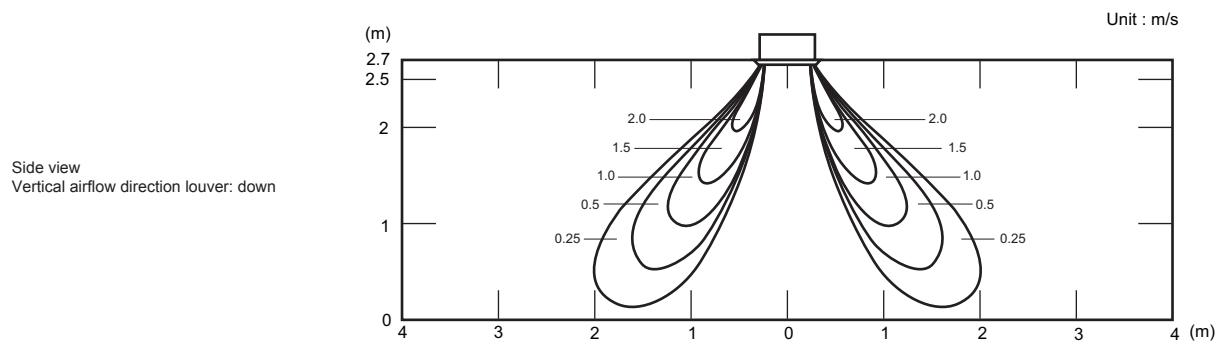
## ■ Models: AUYG18LVLA and AUYG18LVLB

- Air velocity distribution



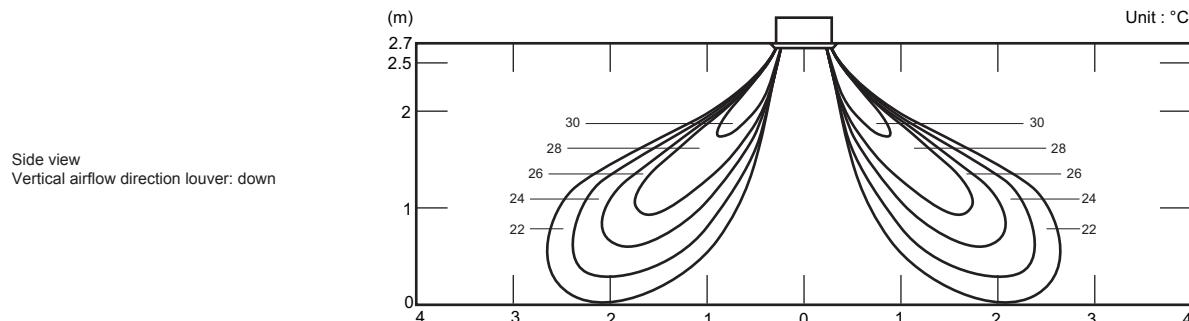
- Air velocity distribution

Measuring conditions <b>NOTE:</b> Reference data	Fan speed <b>HIGH</b>	Operation mode <b>HEAT</b>	Outlet directions 4-way air outlet
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- Air temperature distribution

Measuring conditions <b>NOTE:</b> Reference data	Fan speed <b>HIGH</b>	Operation mode <b>HEAT</b>	Outlet directions 4-way air outlet
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## 5-2. Mini duct type

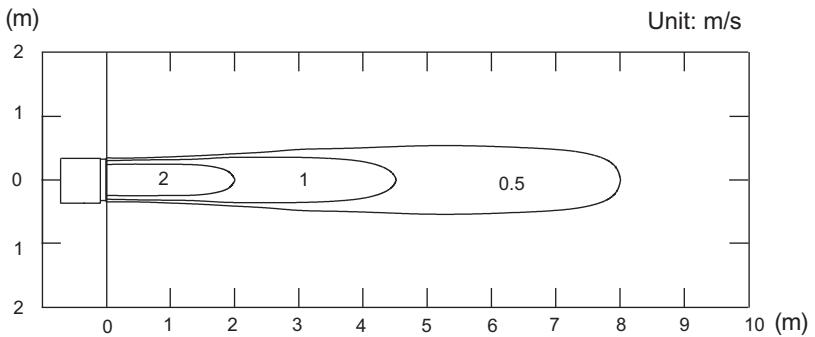
### ■ Model: ARYG07LSLAP

**NOTE:** This data is measured after installing optional Auto louver grille kit.

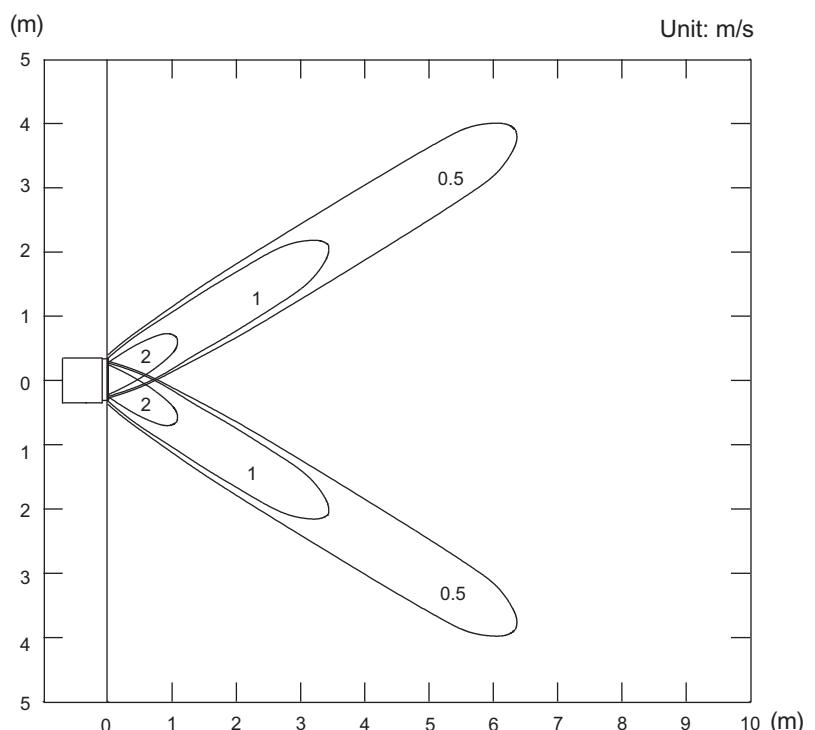
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

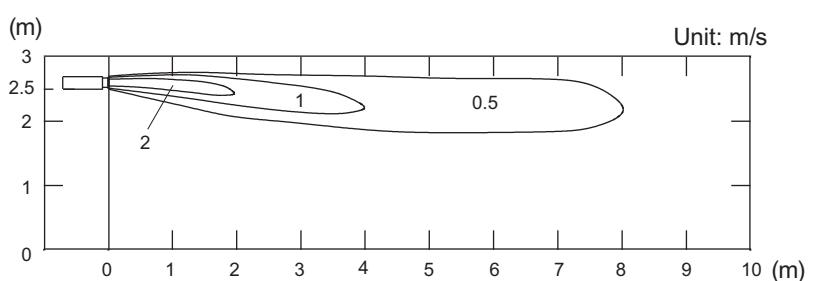
Top view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Center



Top view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Left & Right

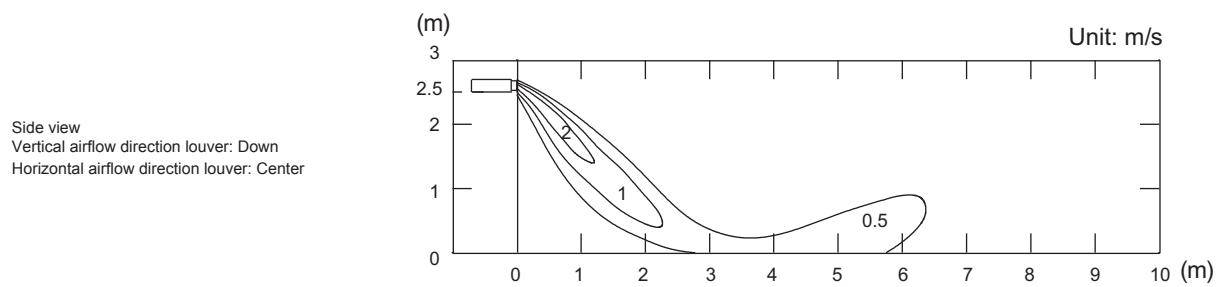


Side view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Center



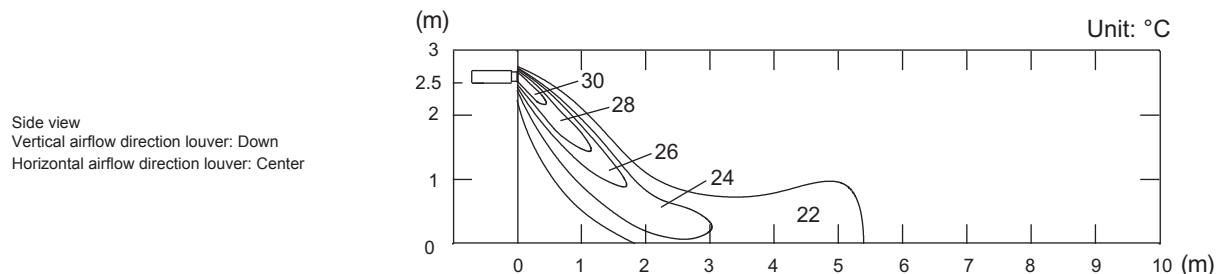
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

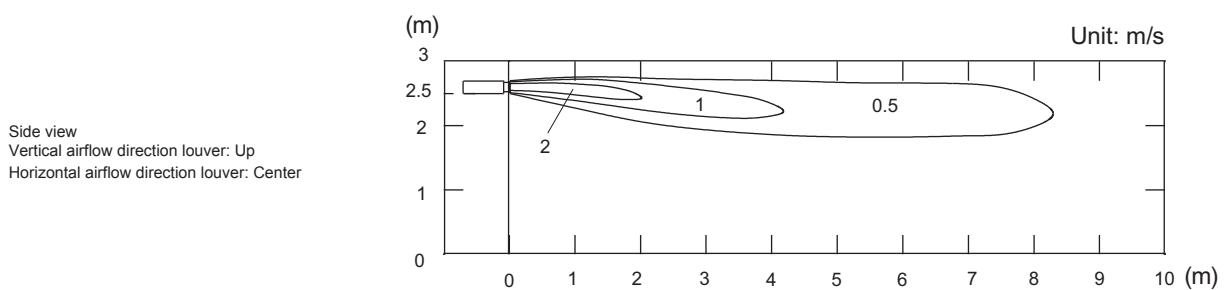
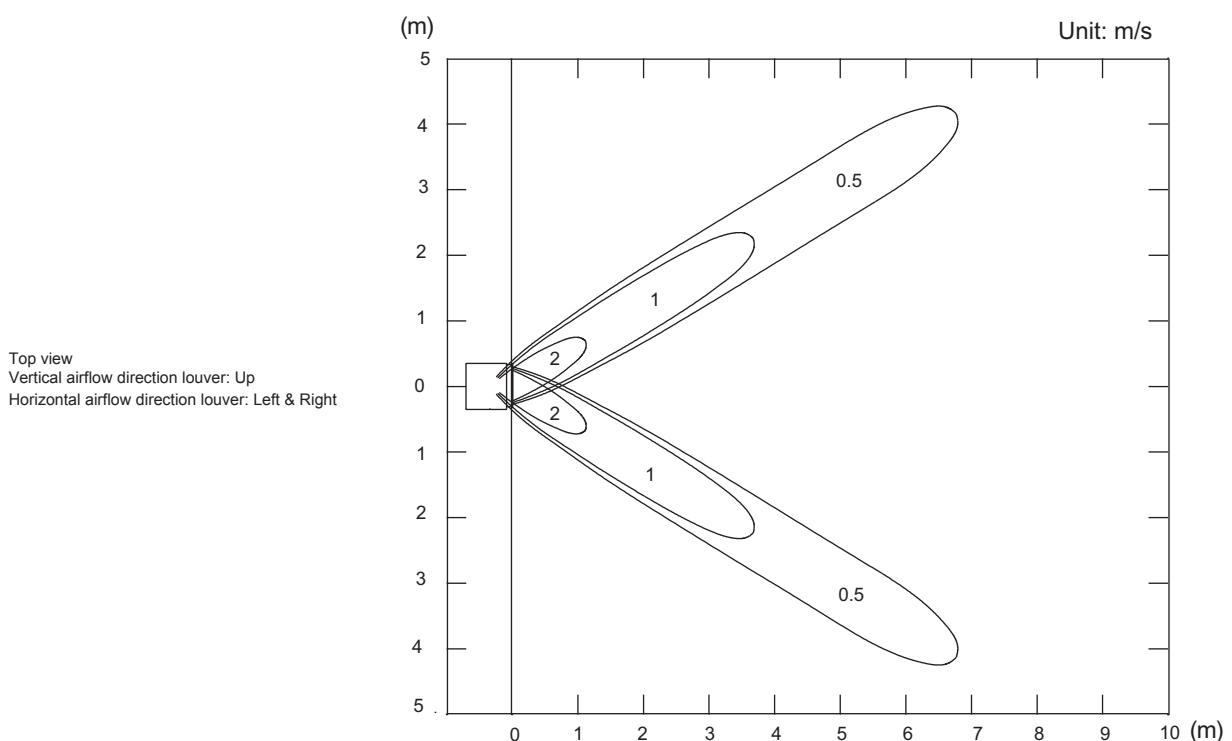
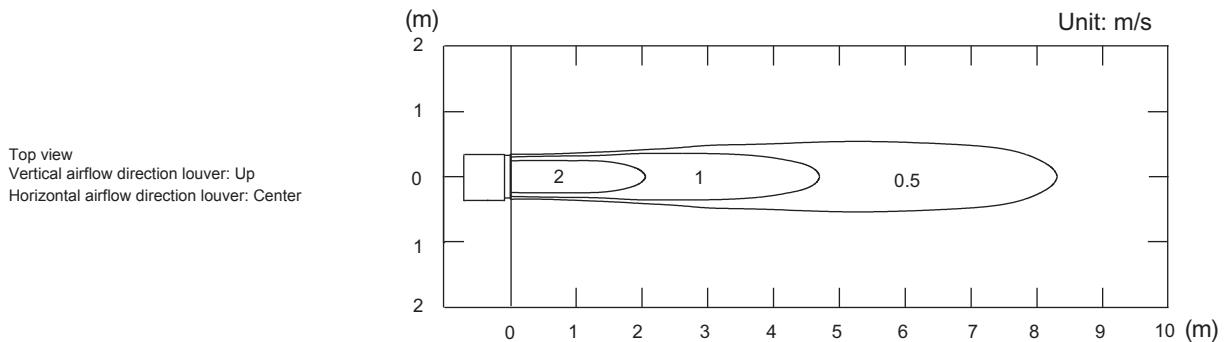


## ■ Model: ARYG09LSLAP

**NOTE:** This data is measured after installing optional Auto louver grille kit.

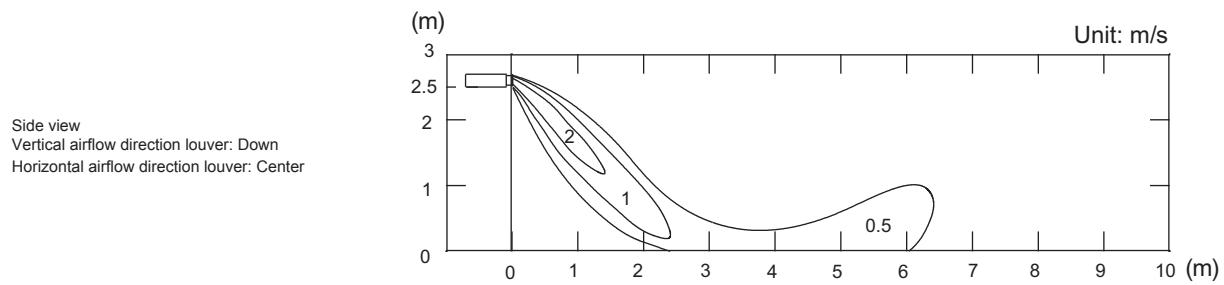
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



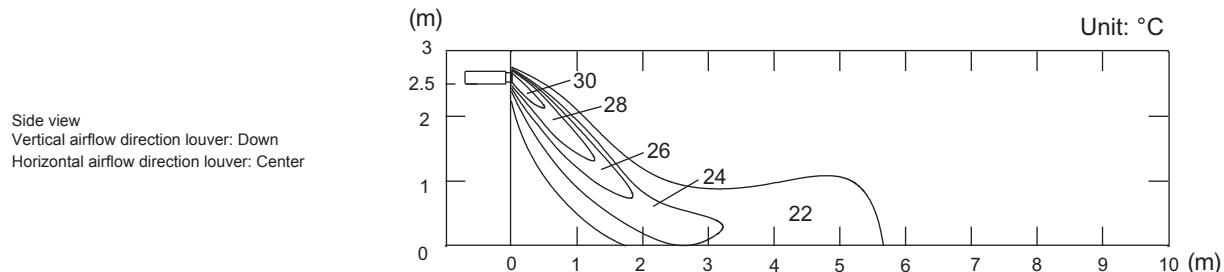
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

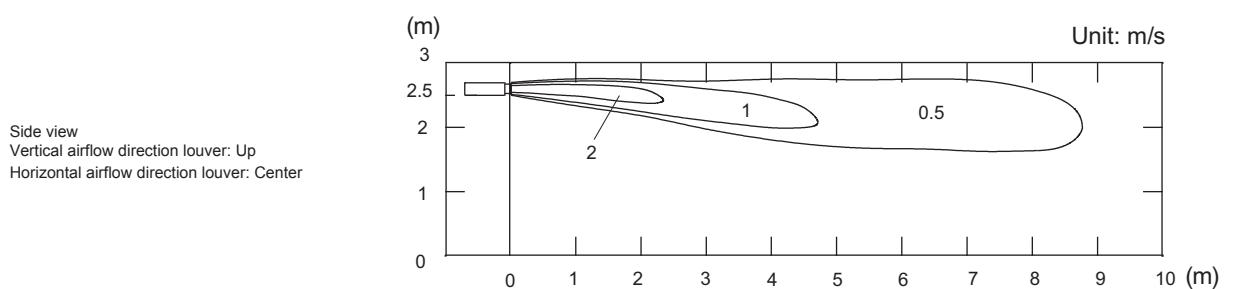
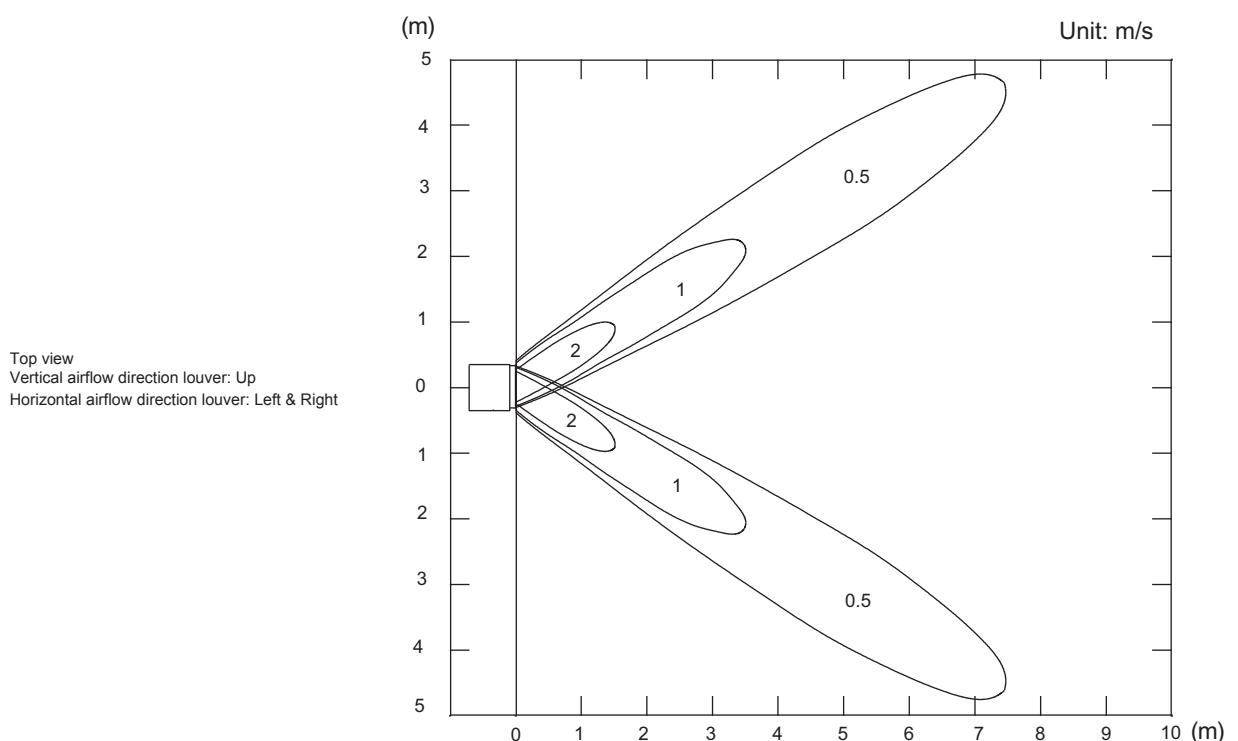
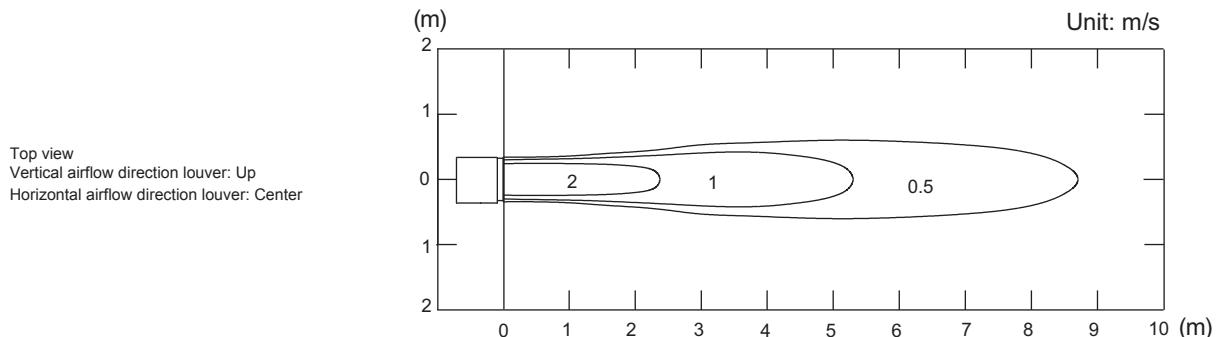


## ■ Model: ARYG12LSLAP

**NOTE:** This data is measured after installing optional Auto louver grille kit.

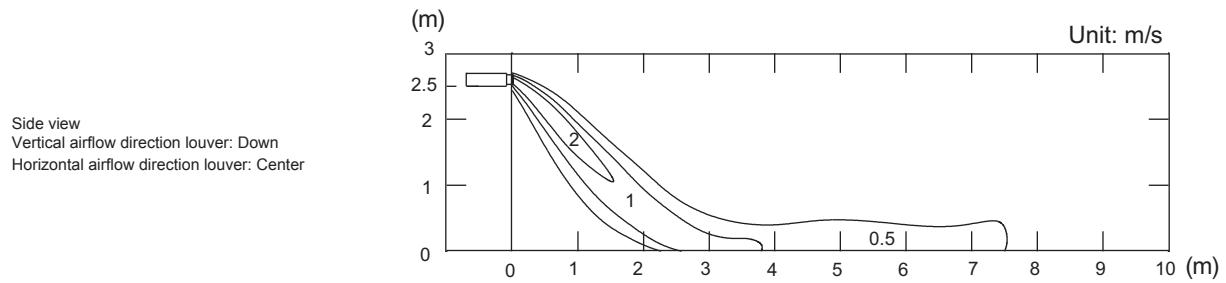
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



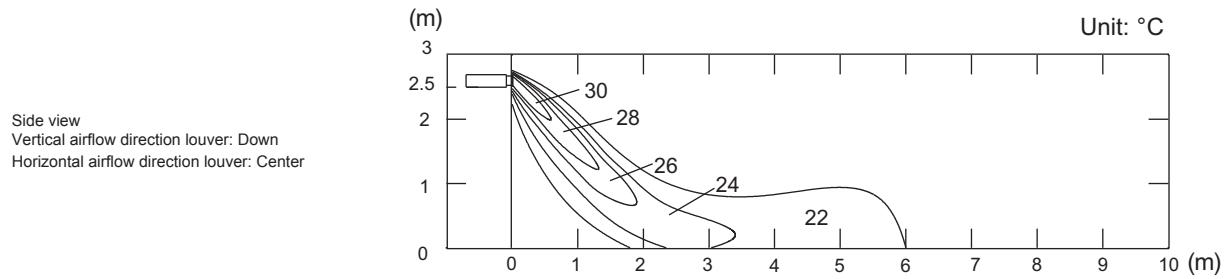
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

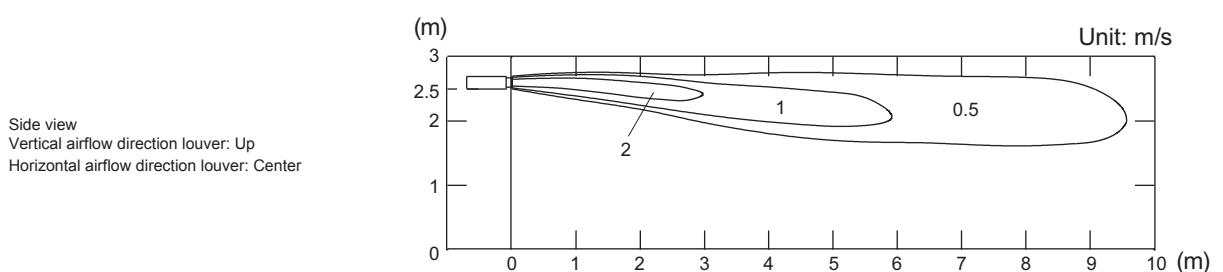
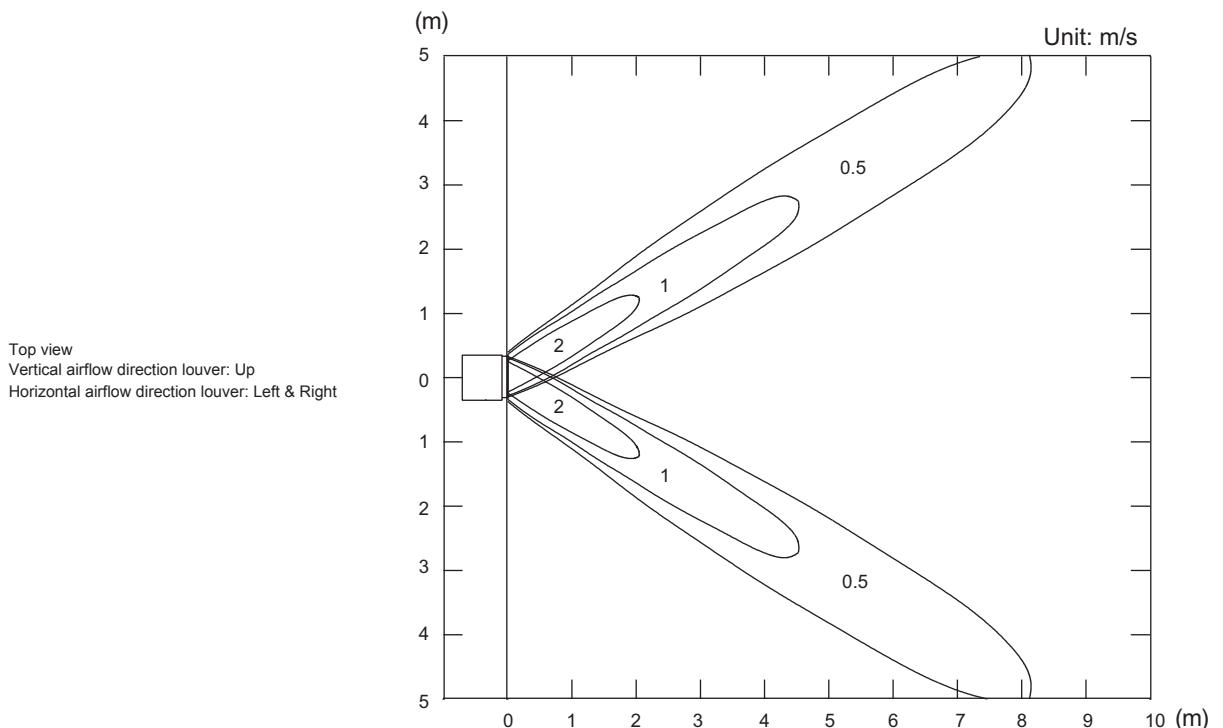
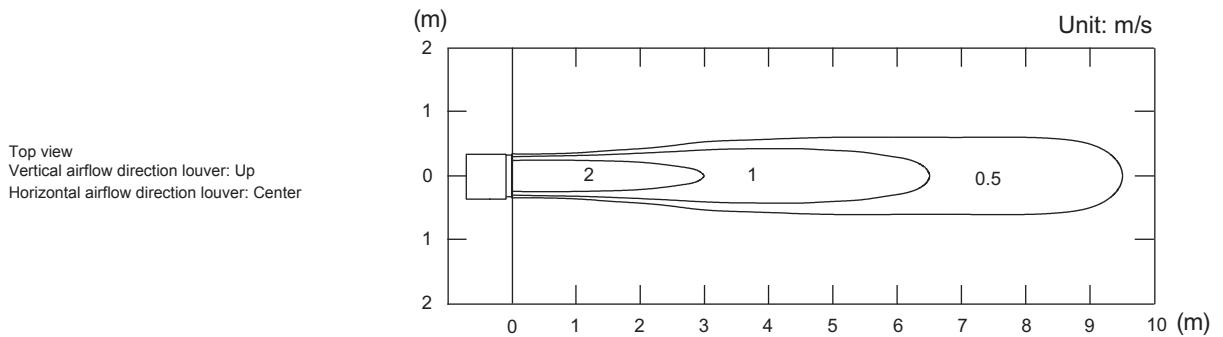


## ■ Model: ARYG14LSLAP

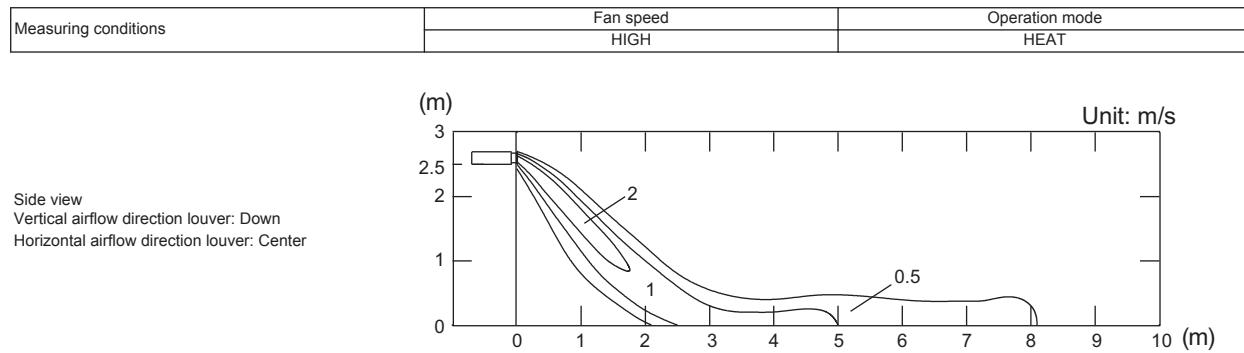
**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

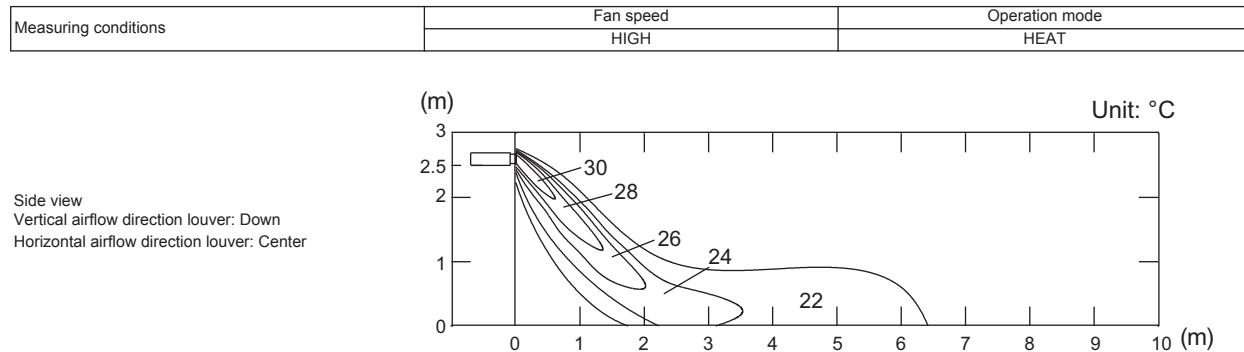
Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



- Air velocity distribution



- Air temperature distribution

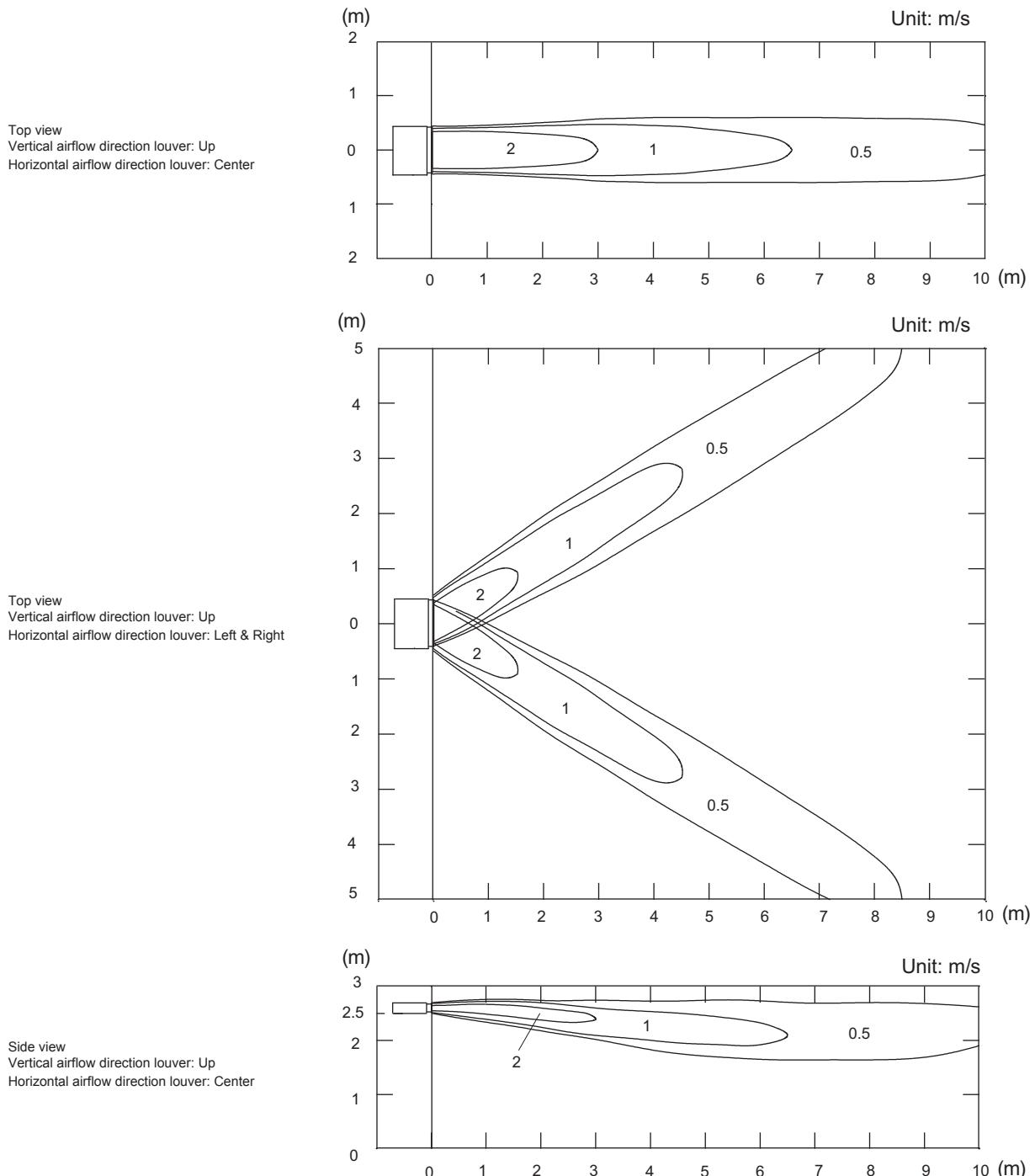


## ■ Model: ARYG18LSLAP

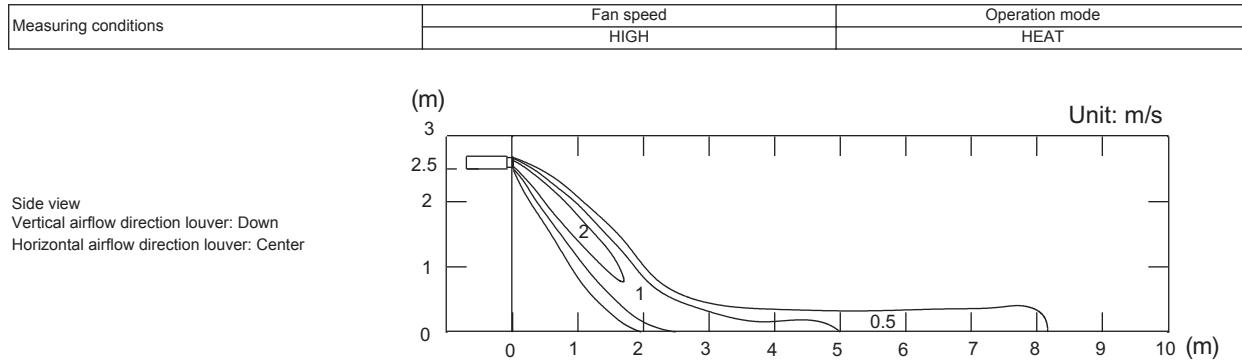
**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

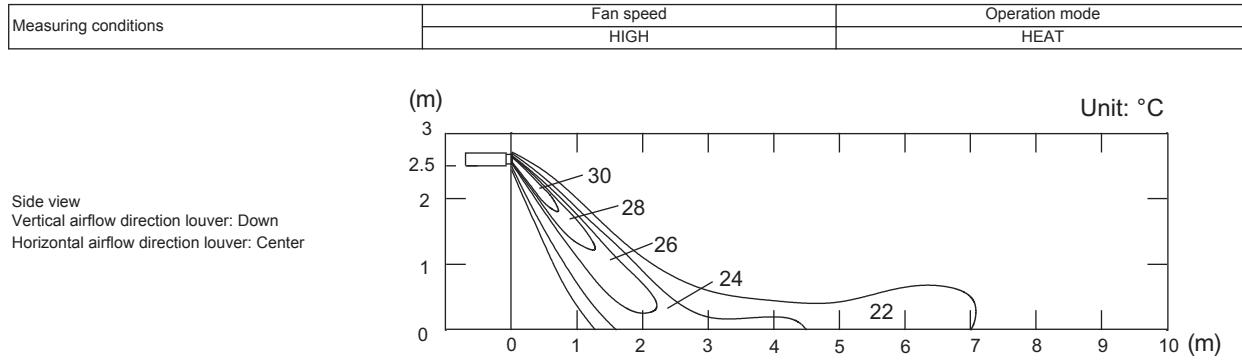
Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



- Air velocity distribution



- Air temperature distribution



## 5-3. Slim duct type

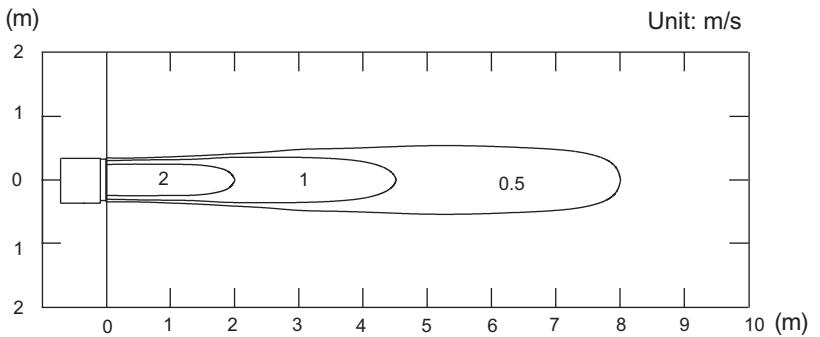
### ■ Model: ARYG07LLTA

**NOTE:** This data is measured after installing optional Auto louver grille kit.

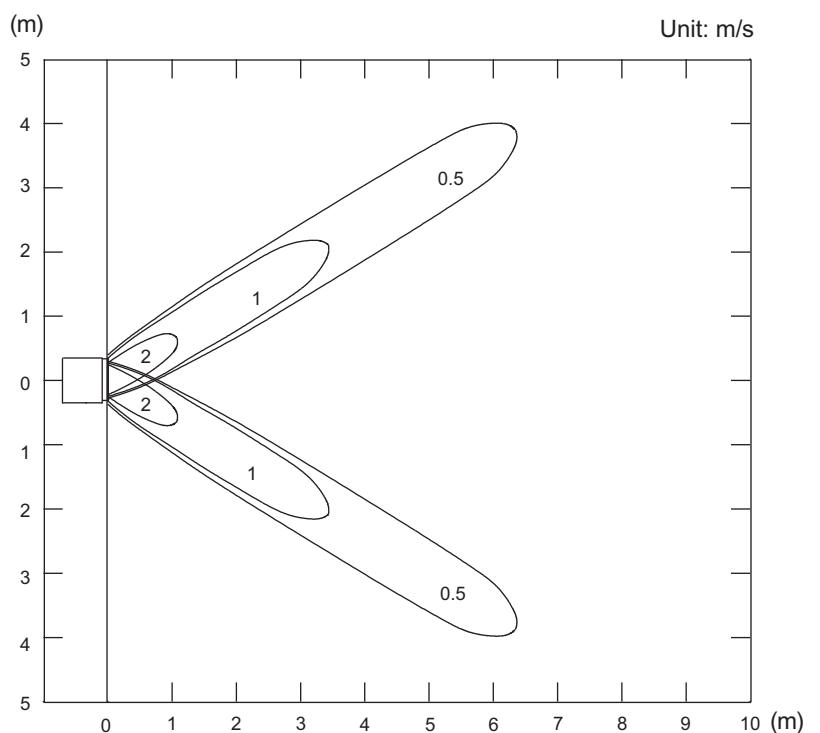
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

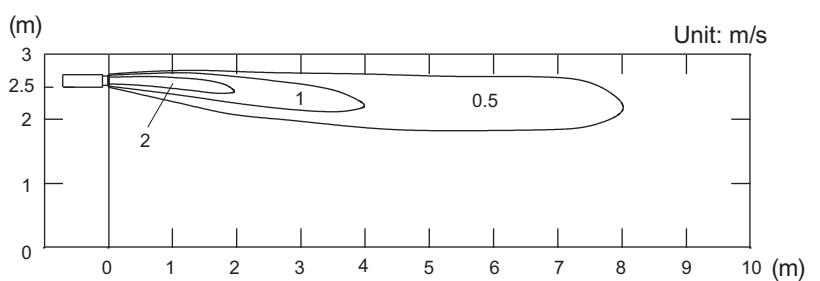
Top view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Center



Top view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Left & Right

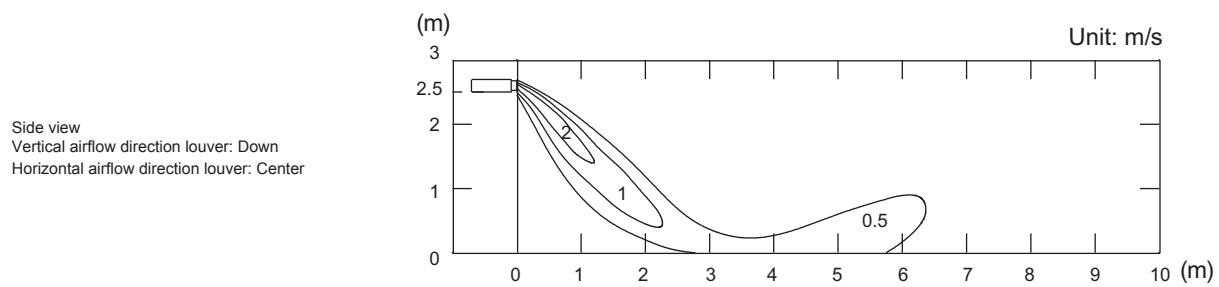


Side view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Center



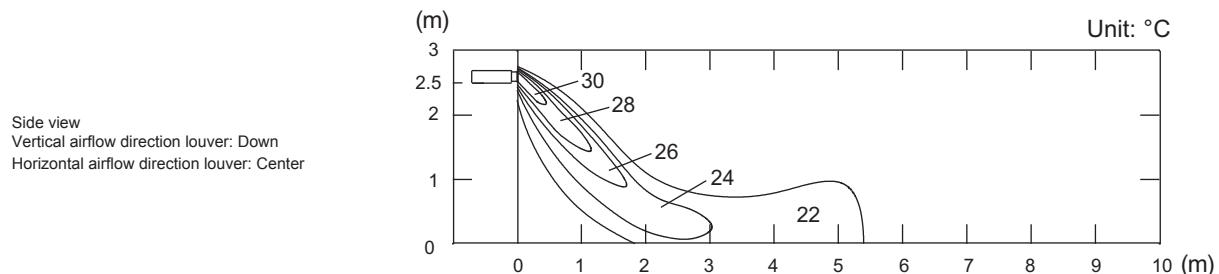
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

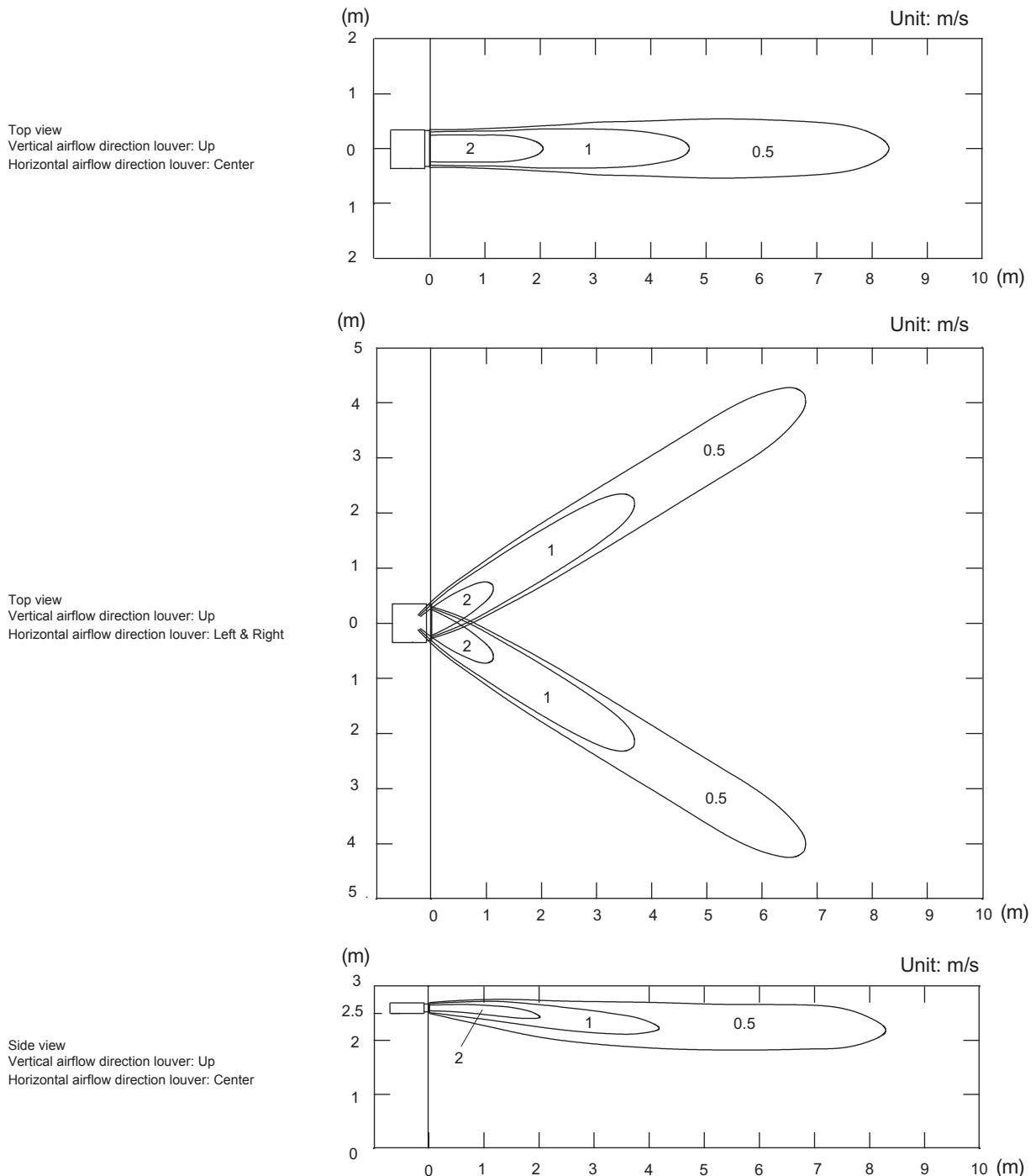


## ■ Model: ARYG09LLTA

**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

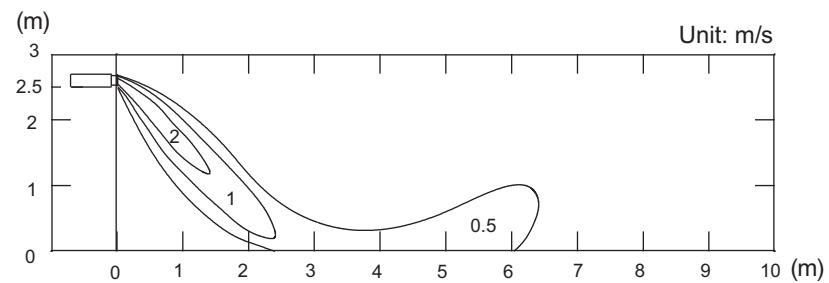
Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

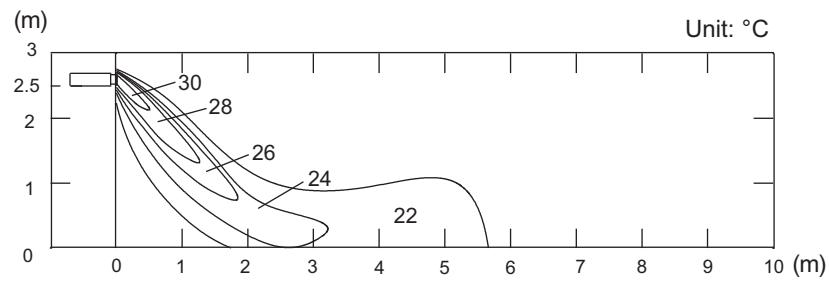
Side view  
Vertical airflow direction louver: Down  
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

Side view  
Vertical airflow direction louver: Down  
Horizontal airflow direction louver: Center

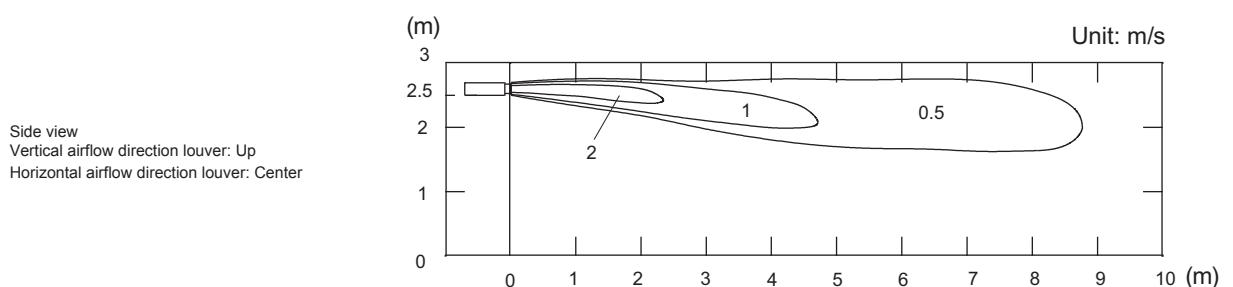
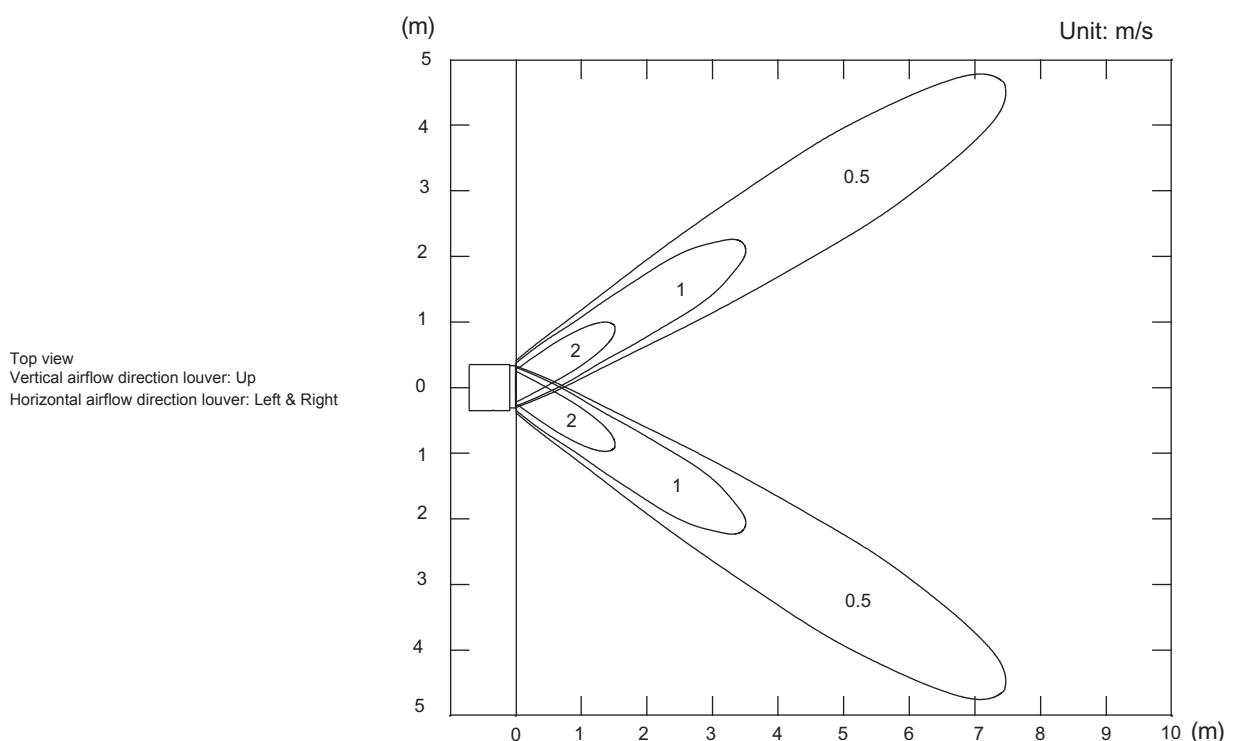
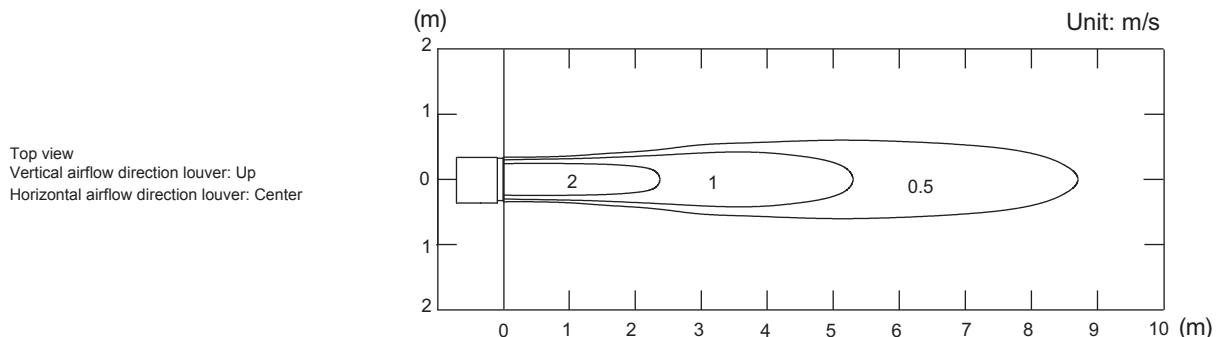


## ■ Models: ARYG12LLTA and ARYG12LLTB

**NOTE:** This data is measured after installing optional Auto louver grille kit.

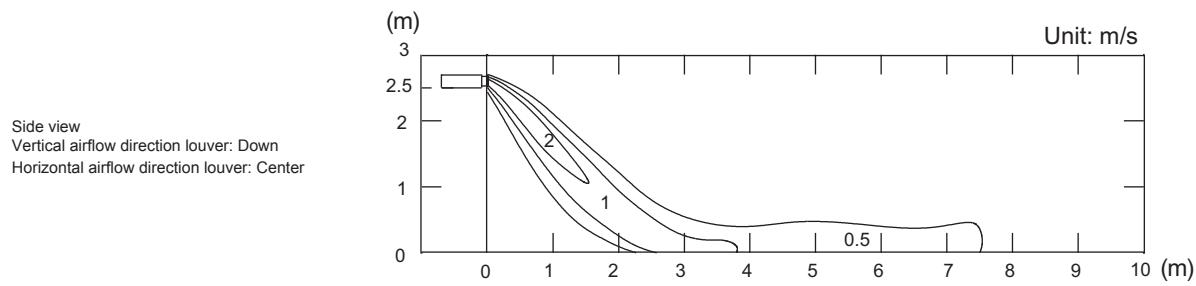
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



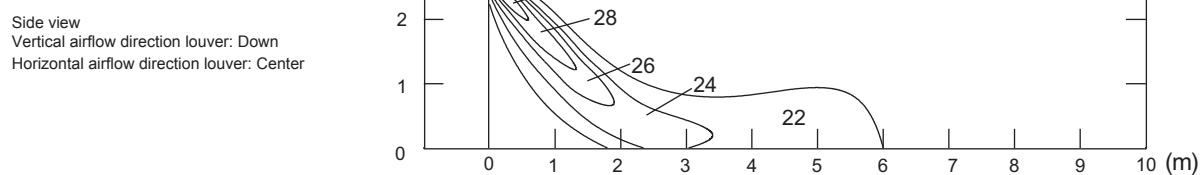
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

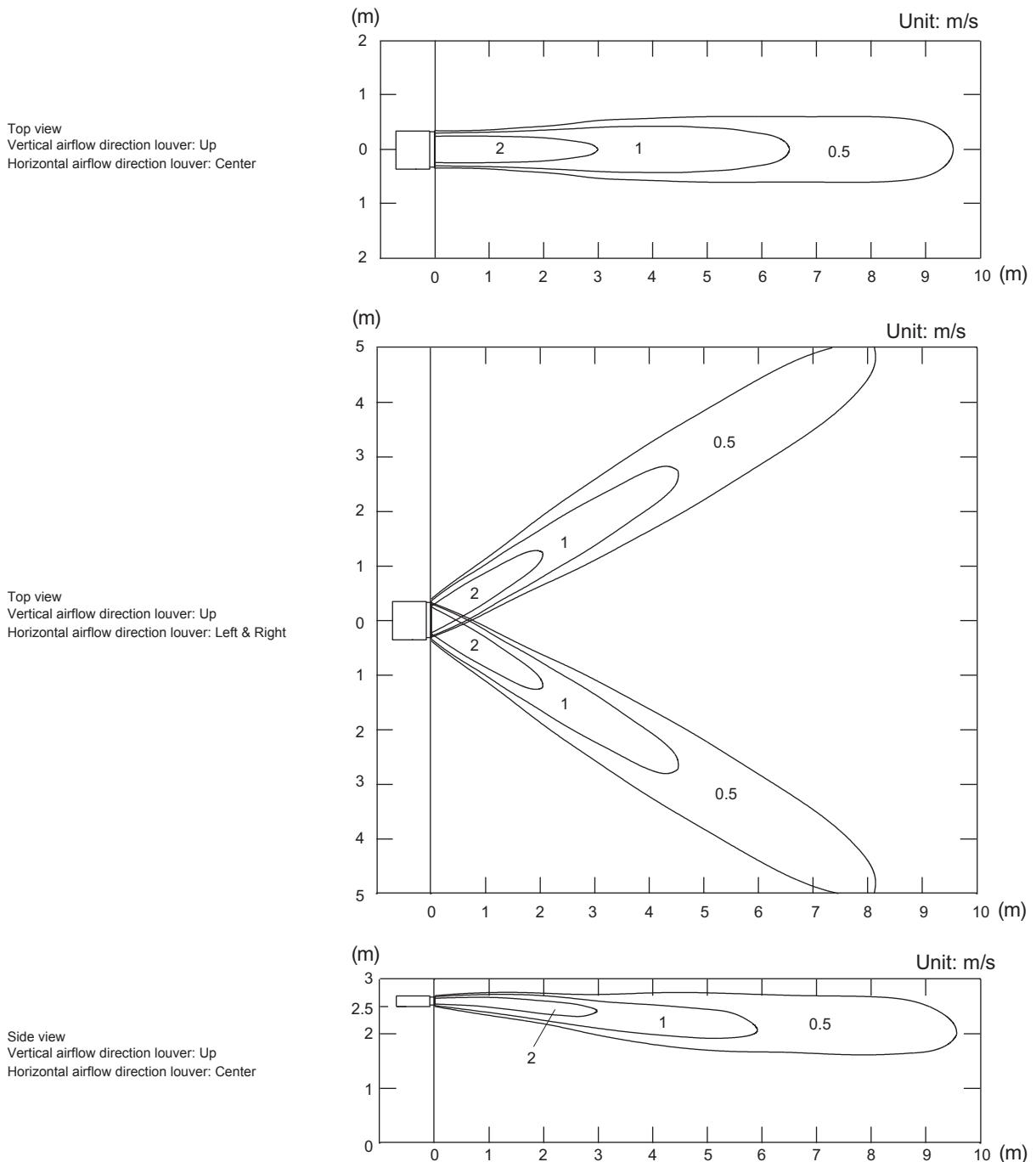


## ■ Models: ARYG14LLTA and ARYG14LLTB

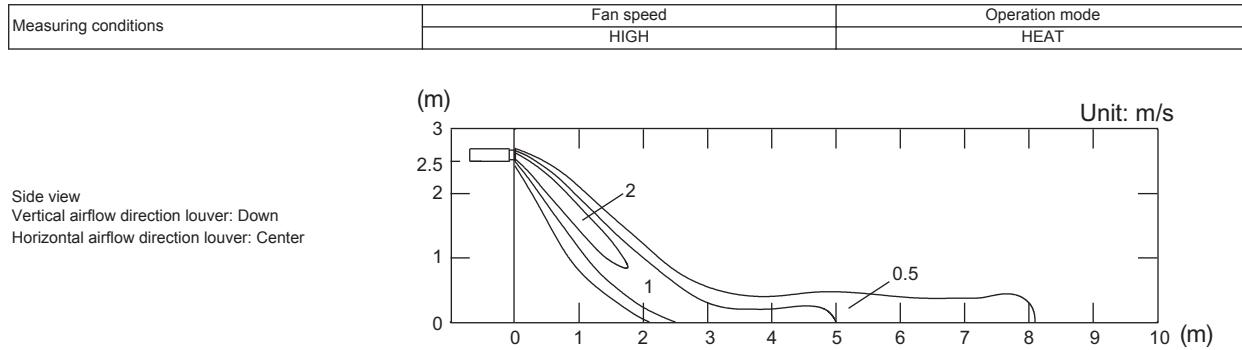
**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

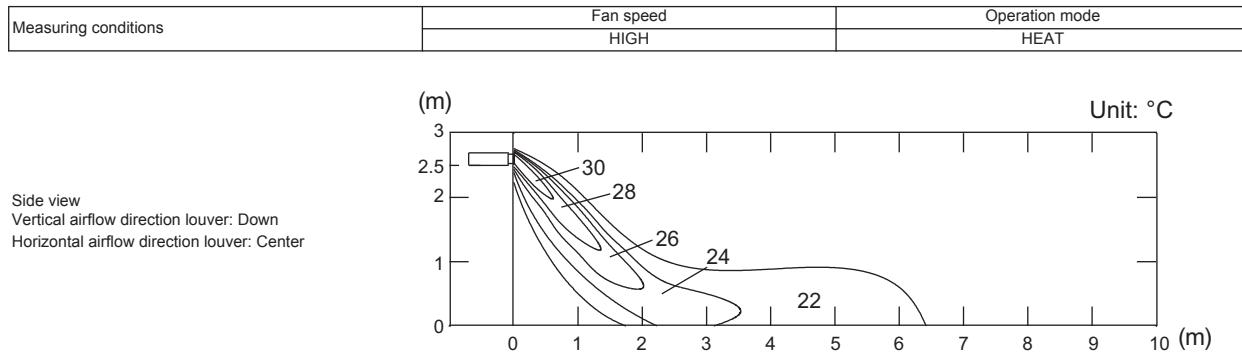
Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



- Air velocity distribution



- Air temperature distribution

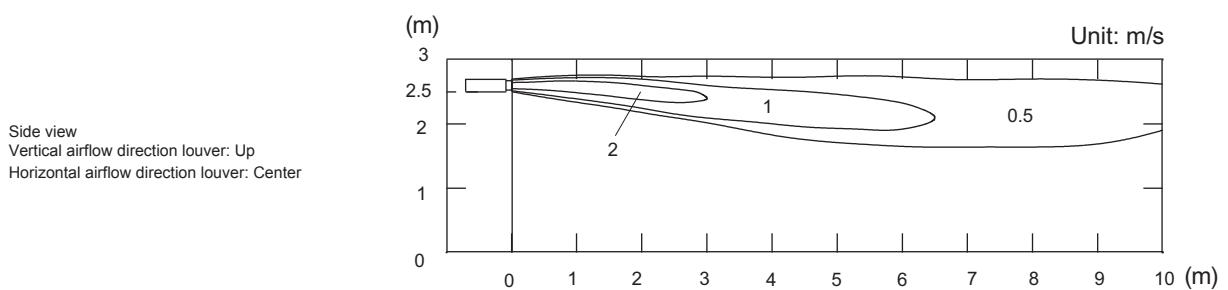
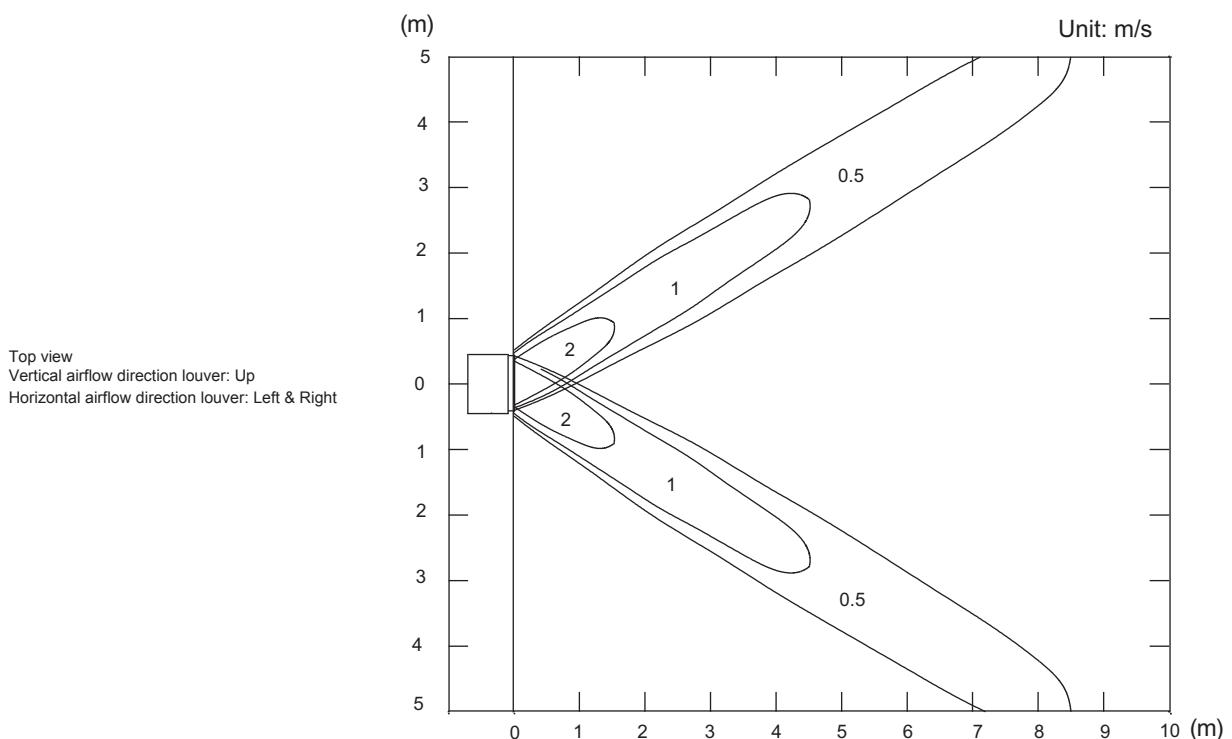
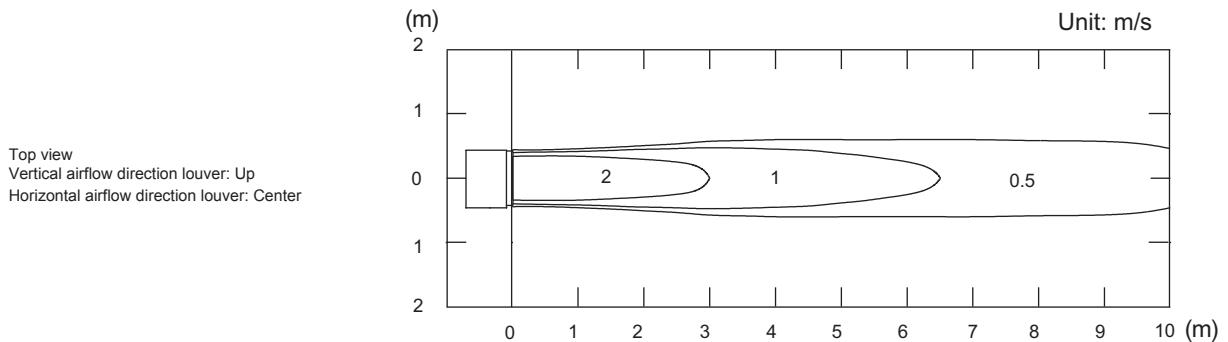


## ■ Models: ARYG18LLTA and ARYG18LLTB

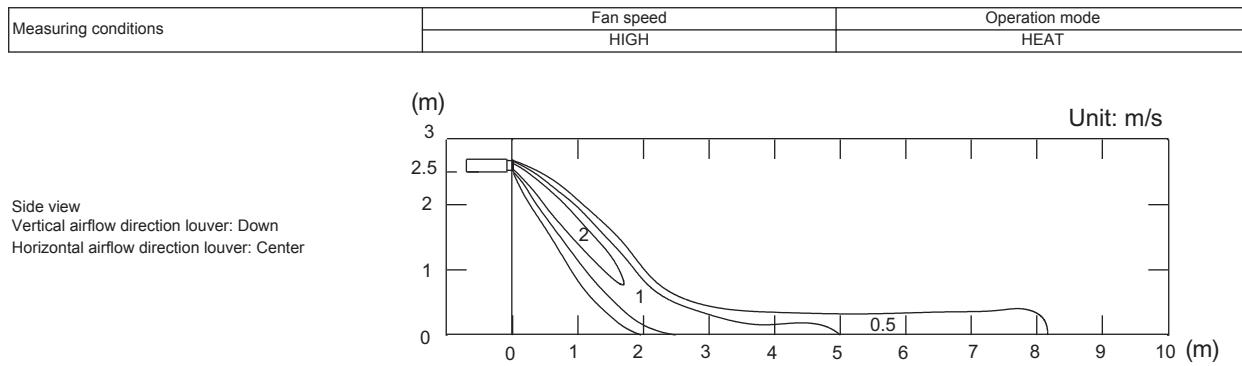
**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

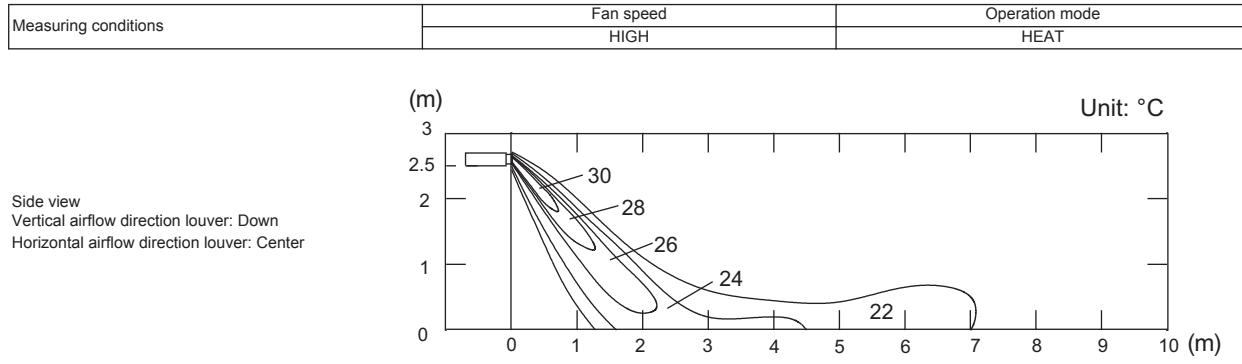
Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



- Air velocity distribution



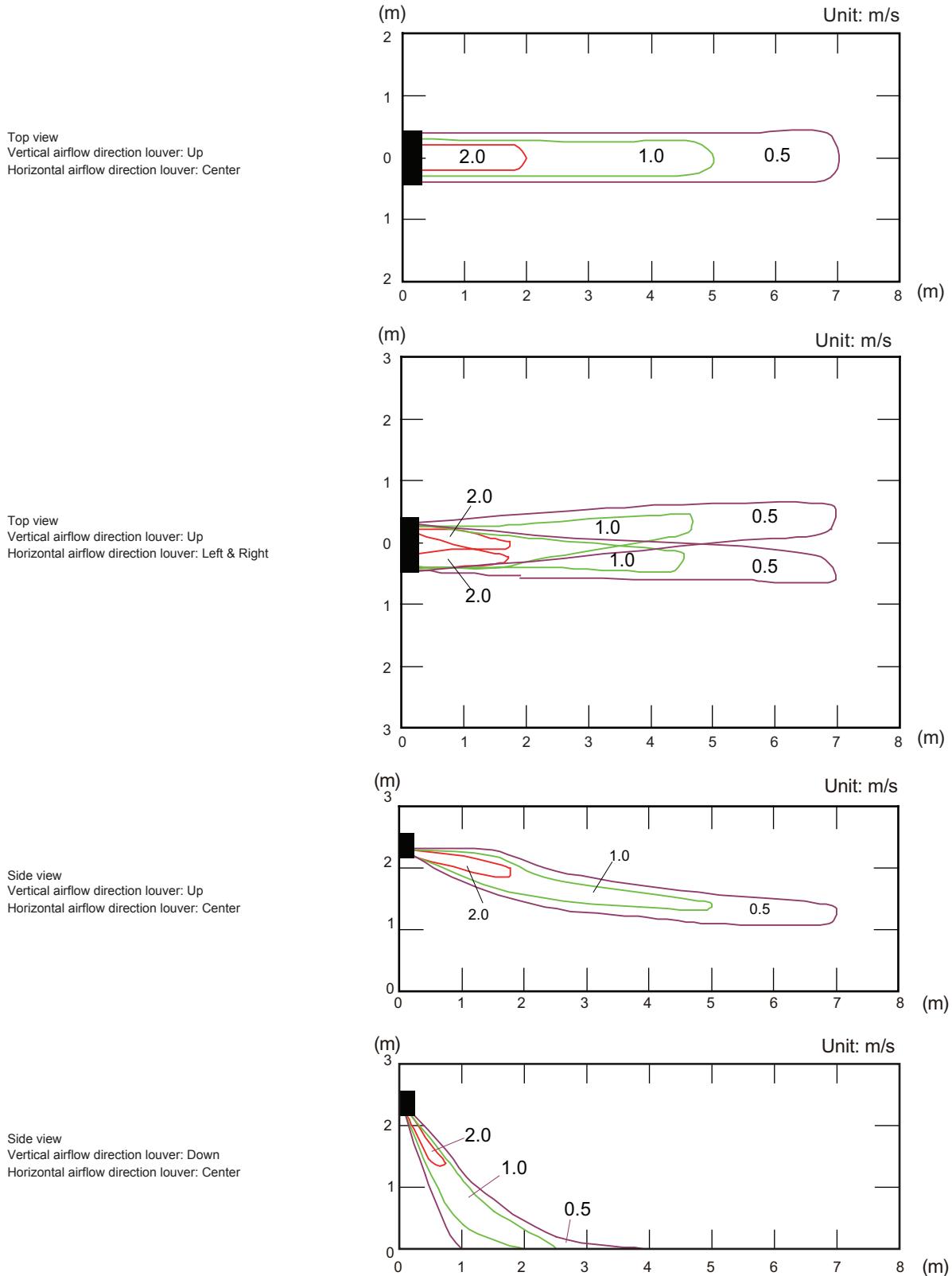
- Air temperature distribution



## 5-4. Wall mounted type

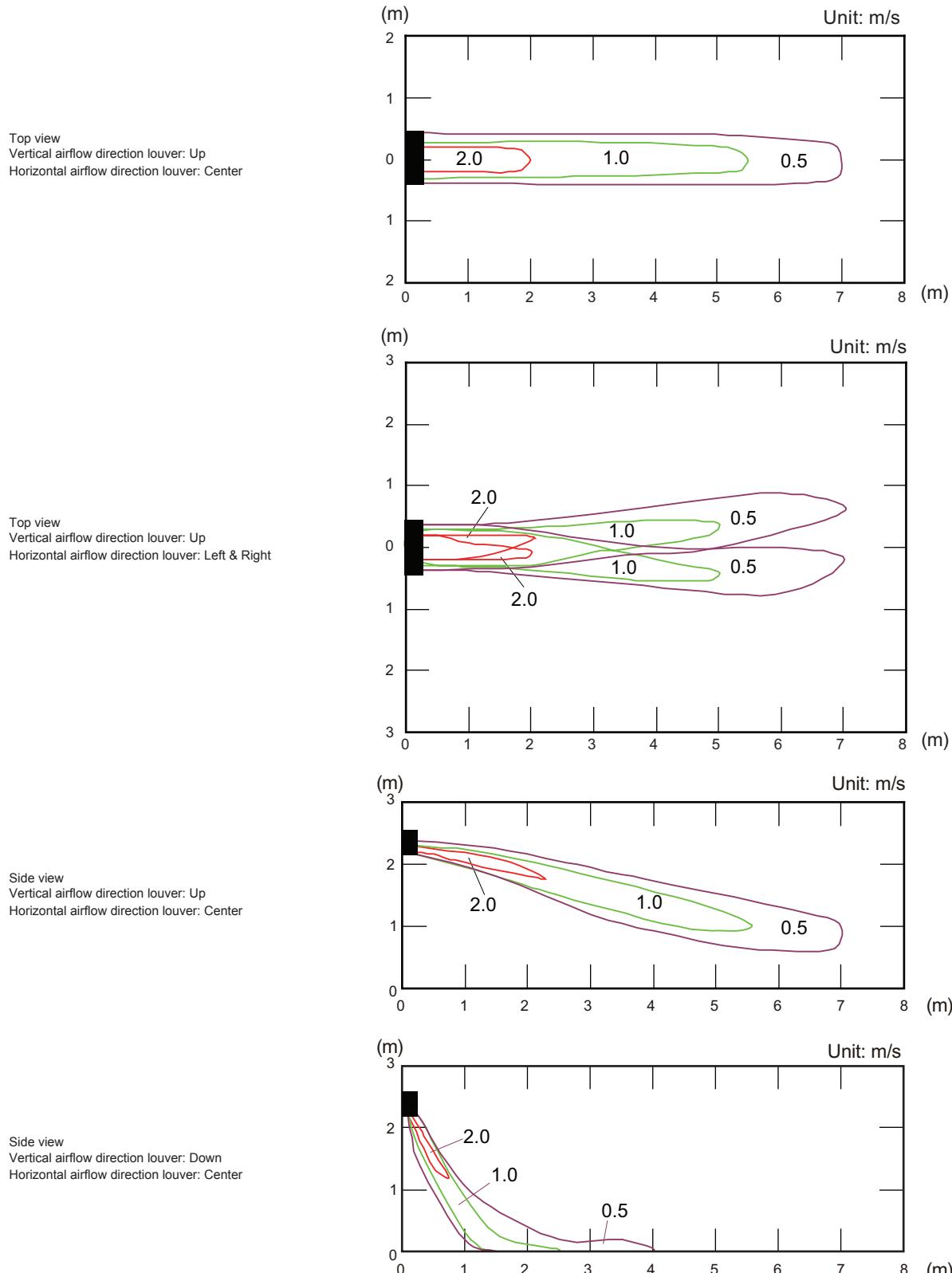
### ■ Model: ASYG07LJCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



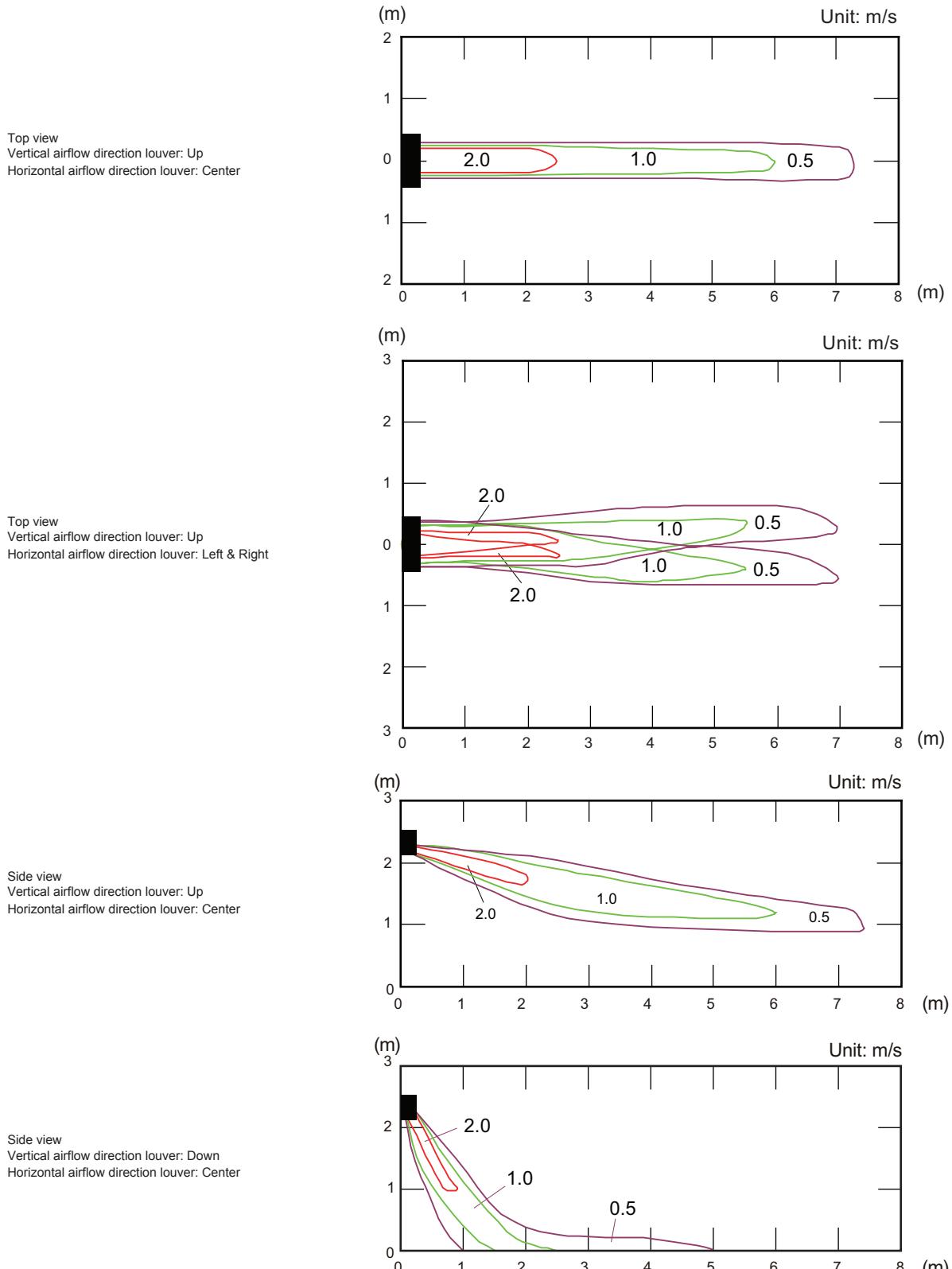
## ■ Model: ASYG09LJCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



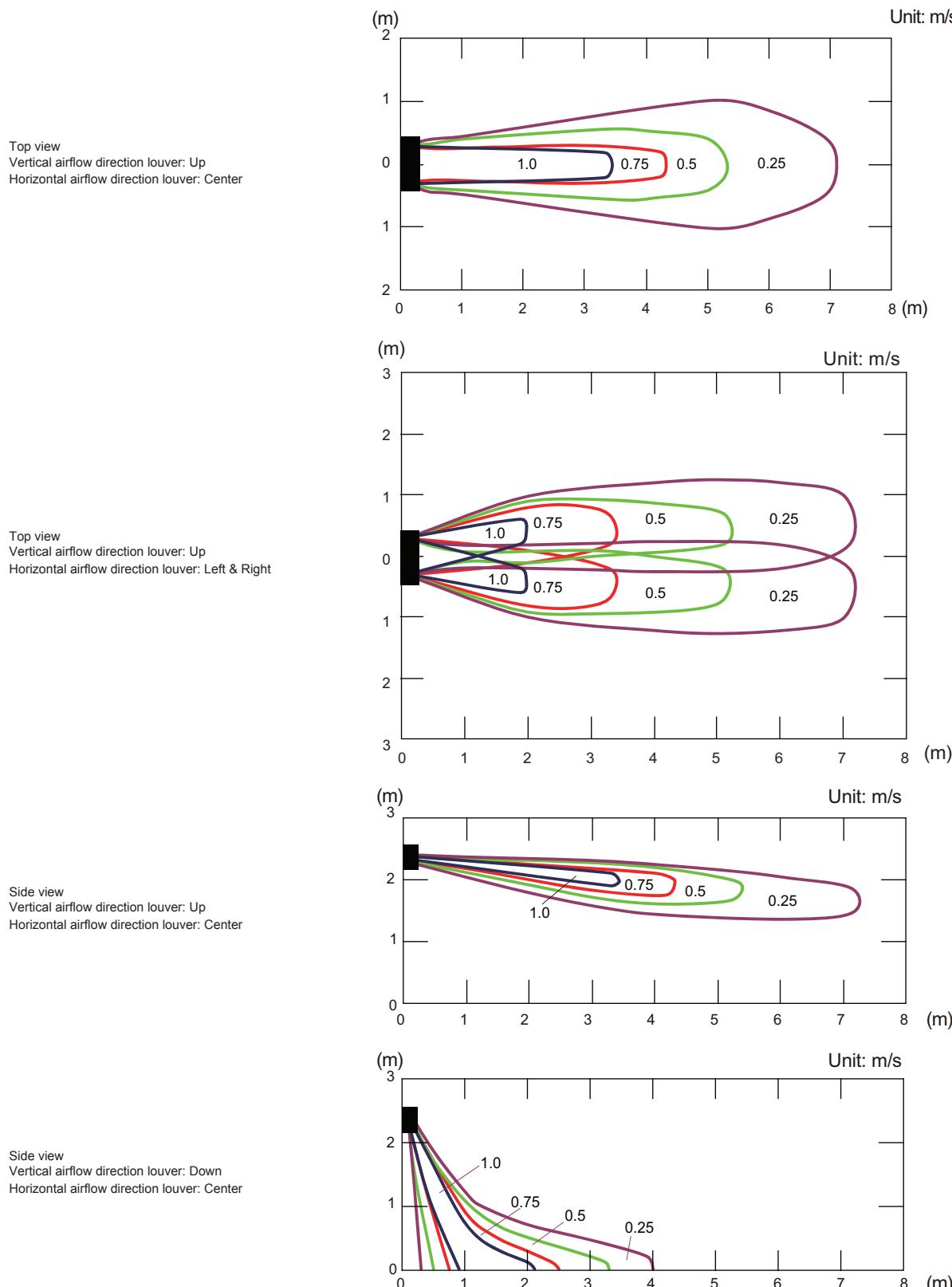
## ■ Model: ASYG12LJCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



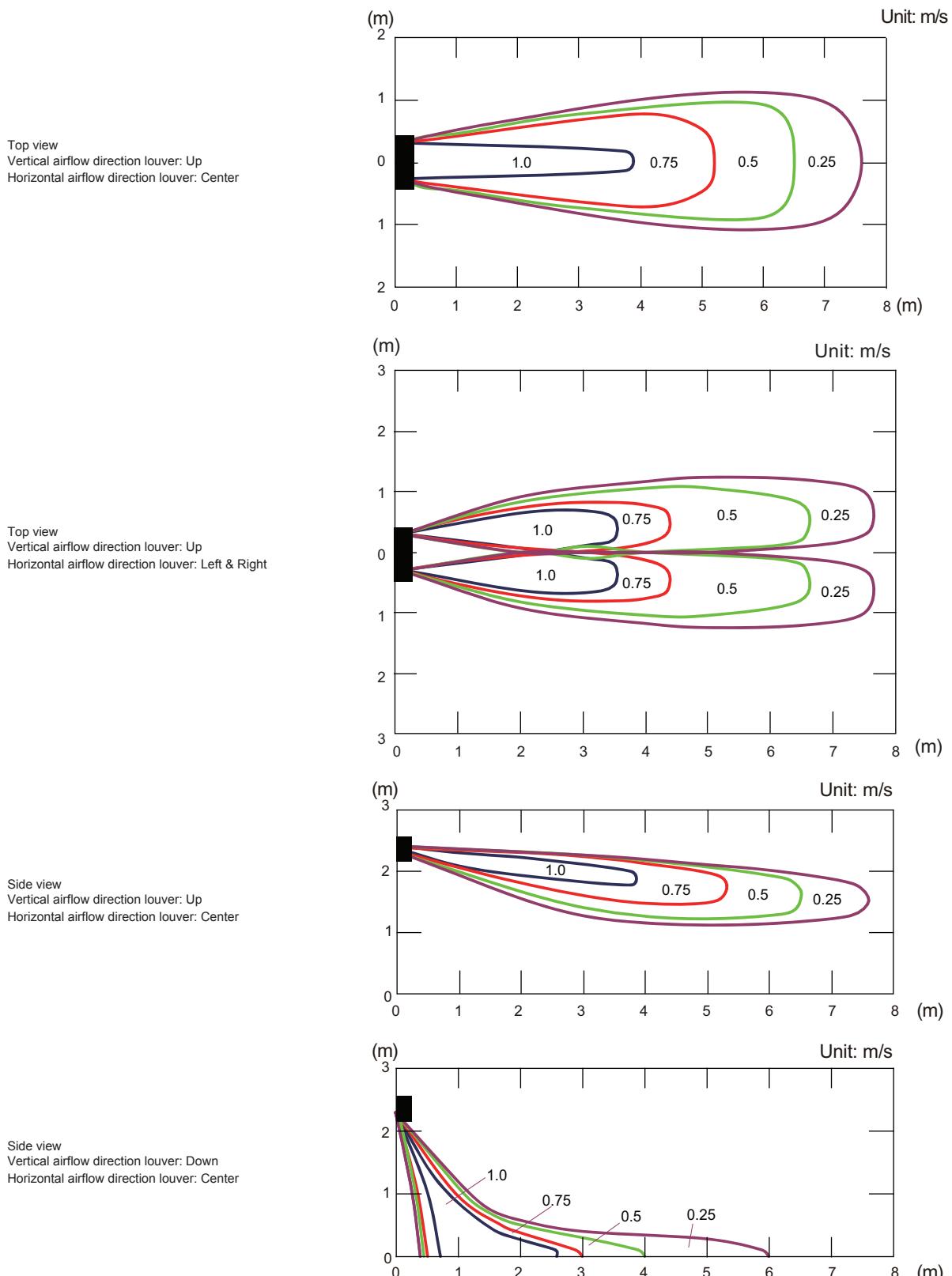
## ■ Models: ASYG07LUCA and ASYG09LUCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



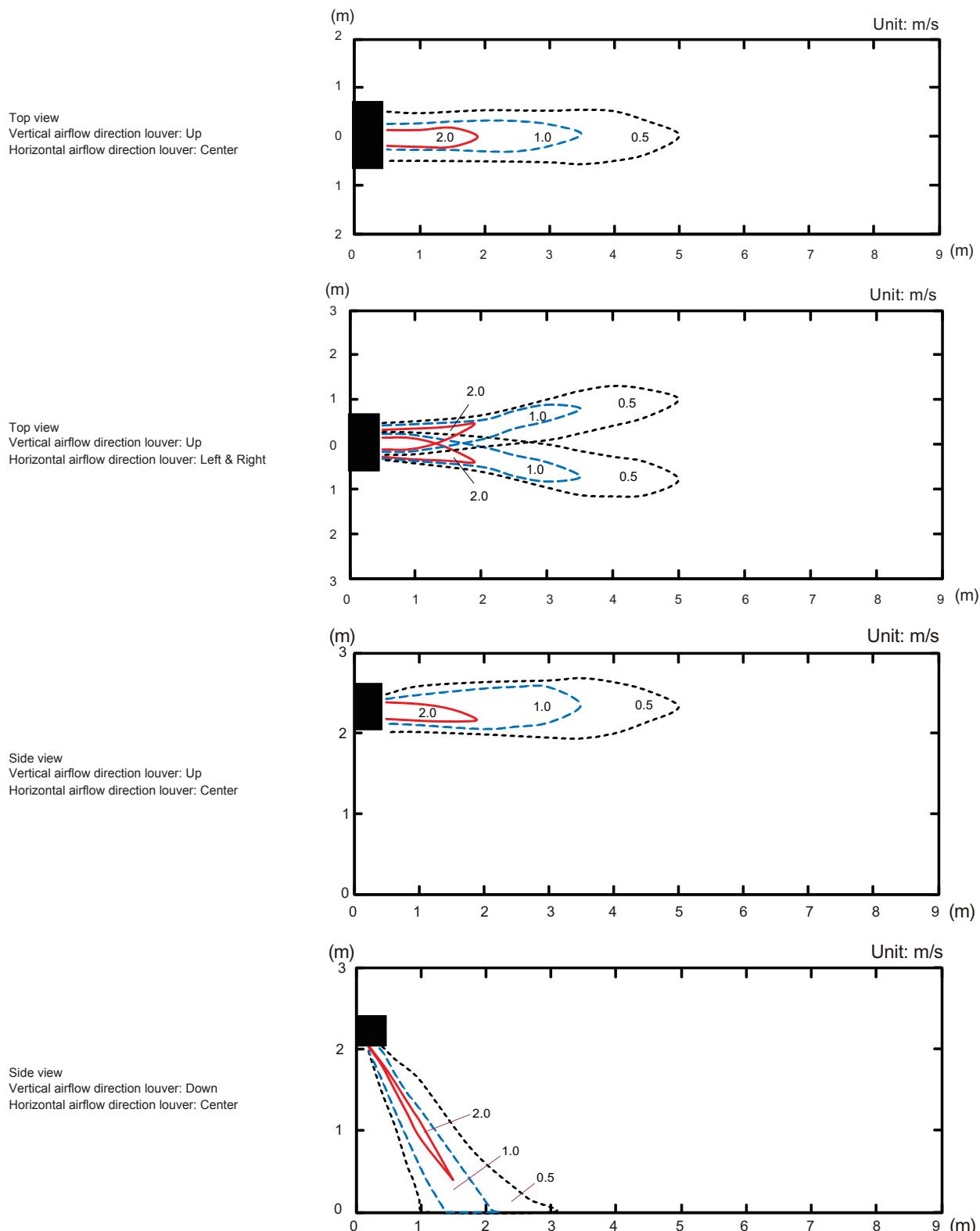
## ■ Models: ASYG12LUCA and ASYG14LUCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



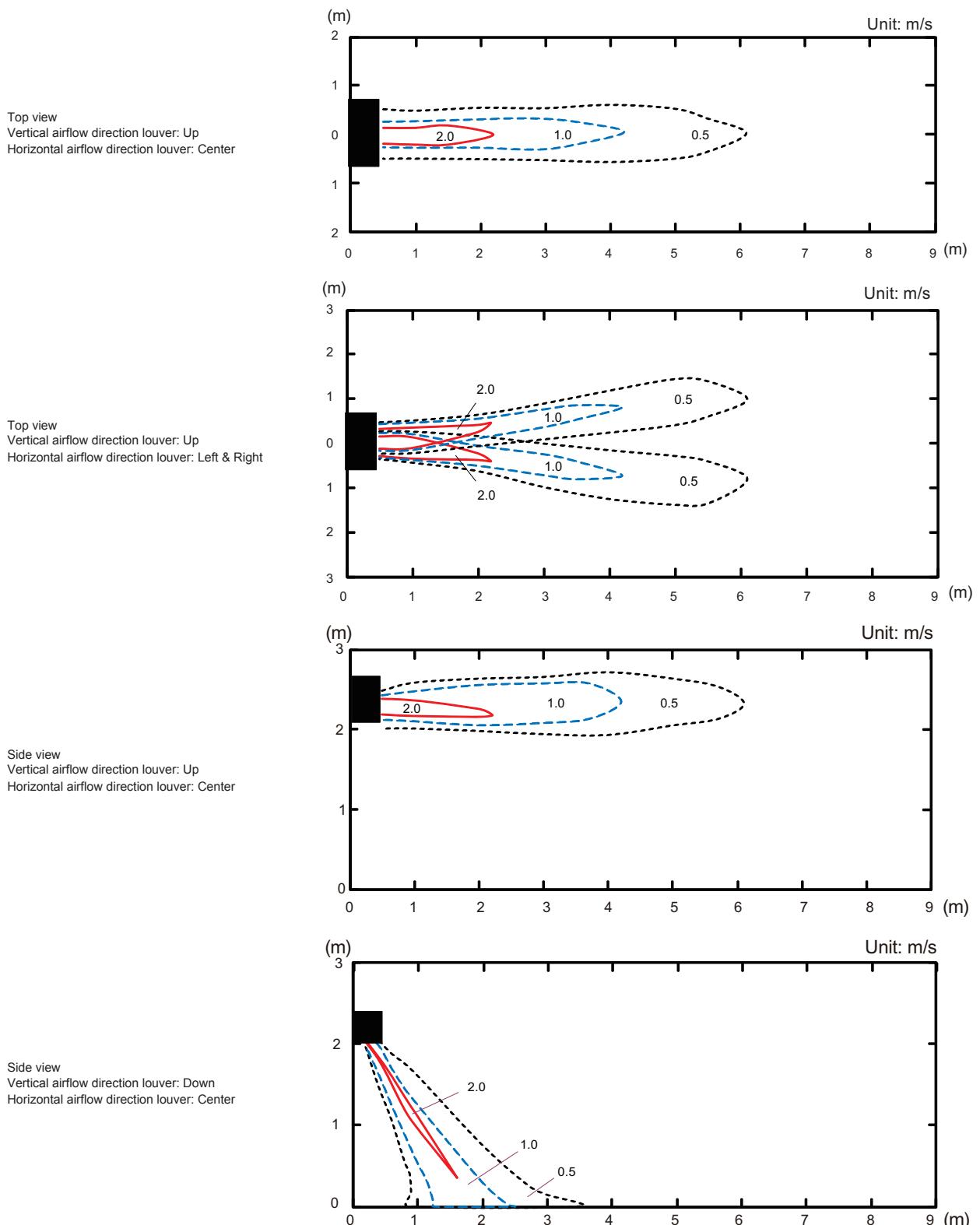
## ■ Models: ASYG07LMCA and ASYG07LMCE

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



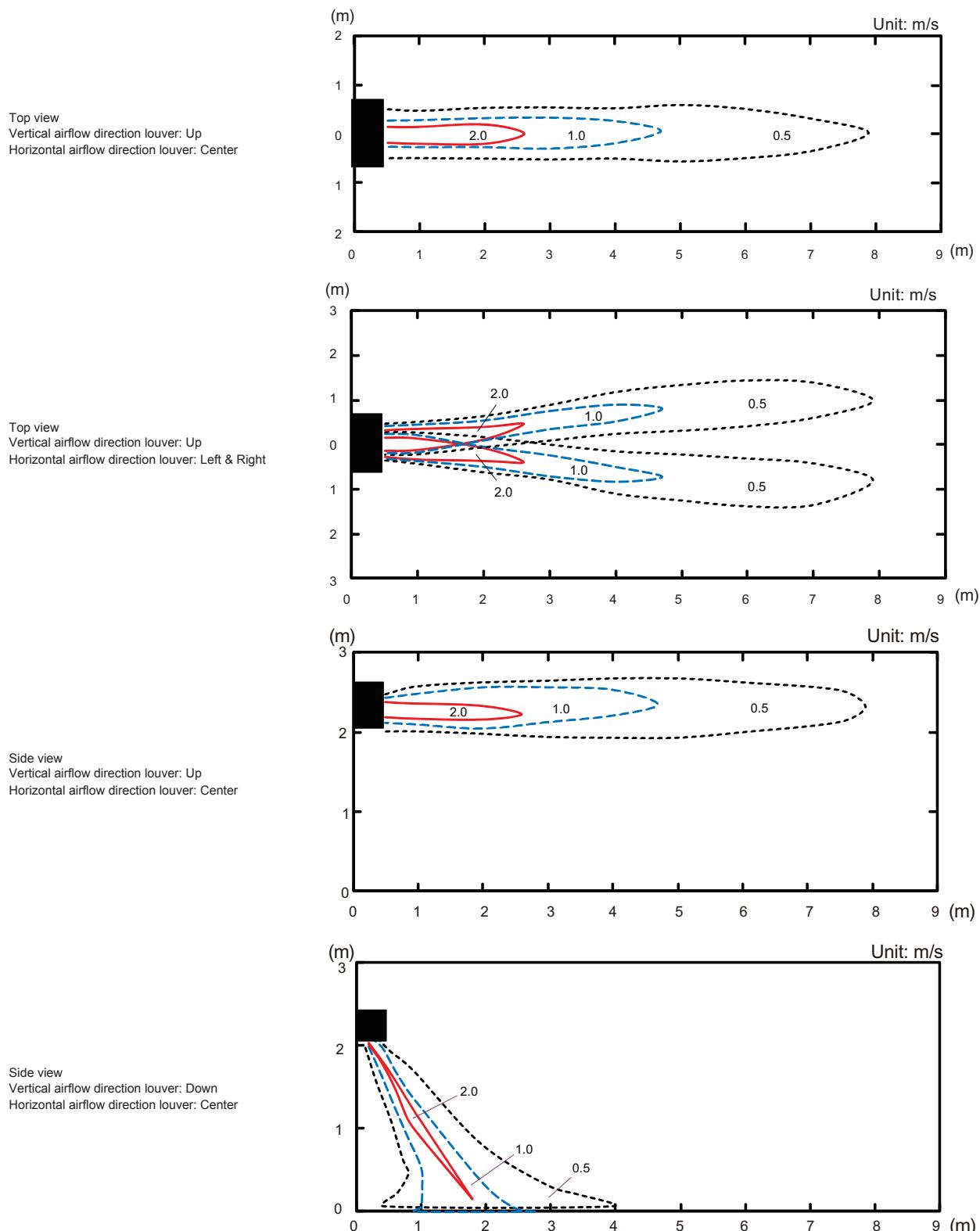
## ■ Models: ASYG09LMCA and ASYG09LMCE

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

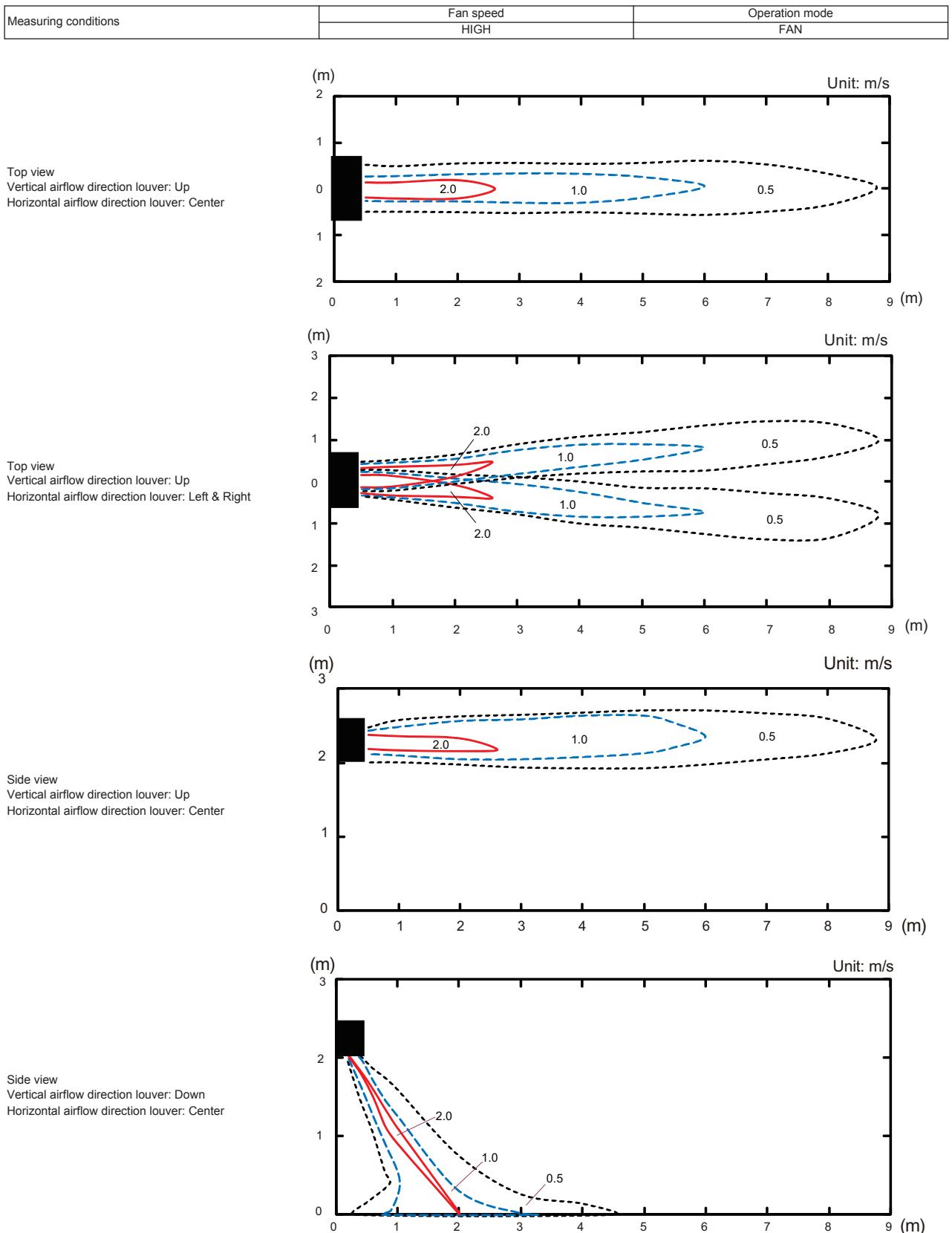


## ■ Models: ASYG12LMCA and ASYG12LMCE

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

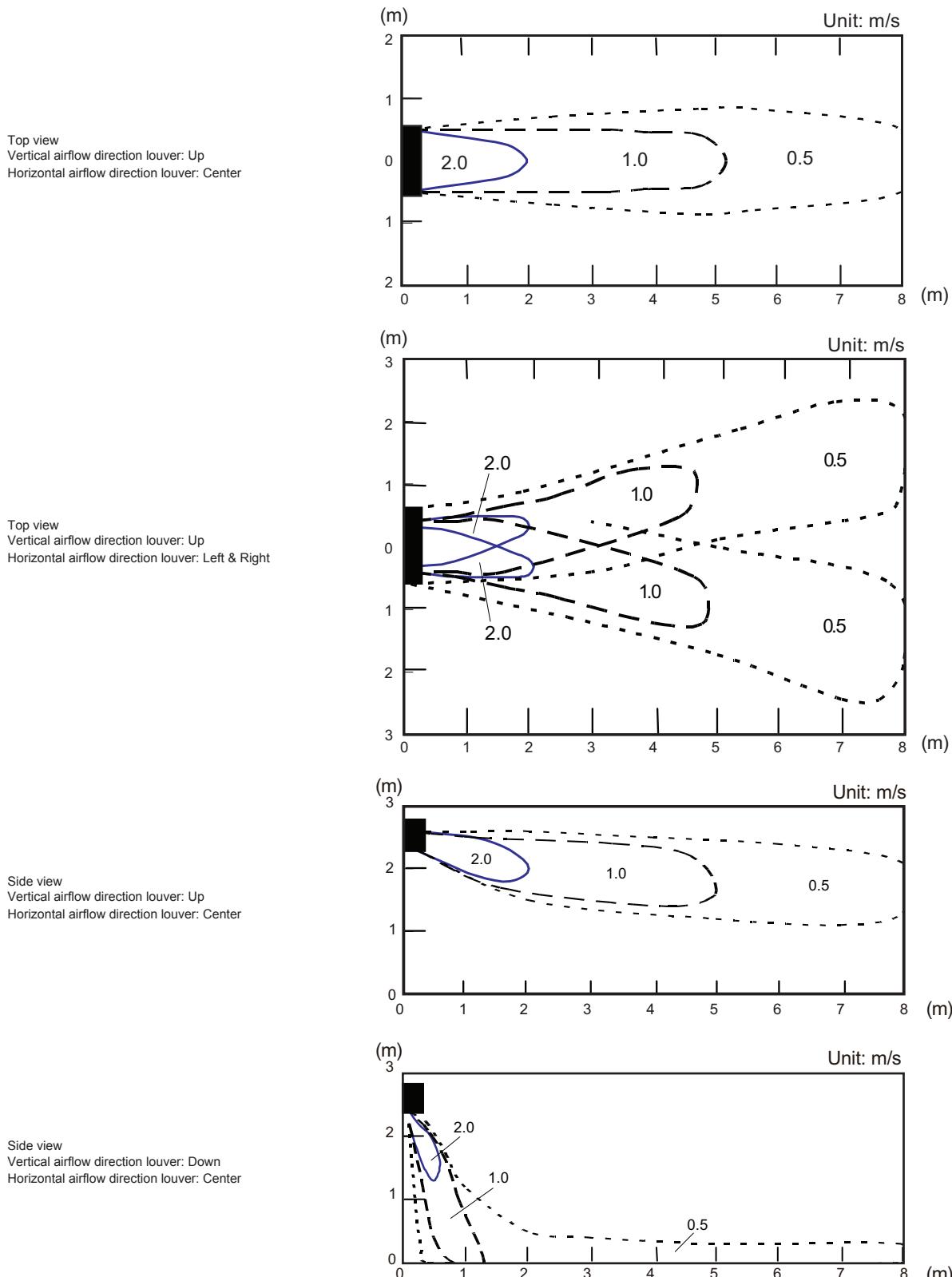


## ■ Models: ASYG14LMCA and ASYG14LMCE

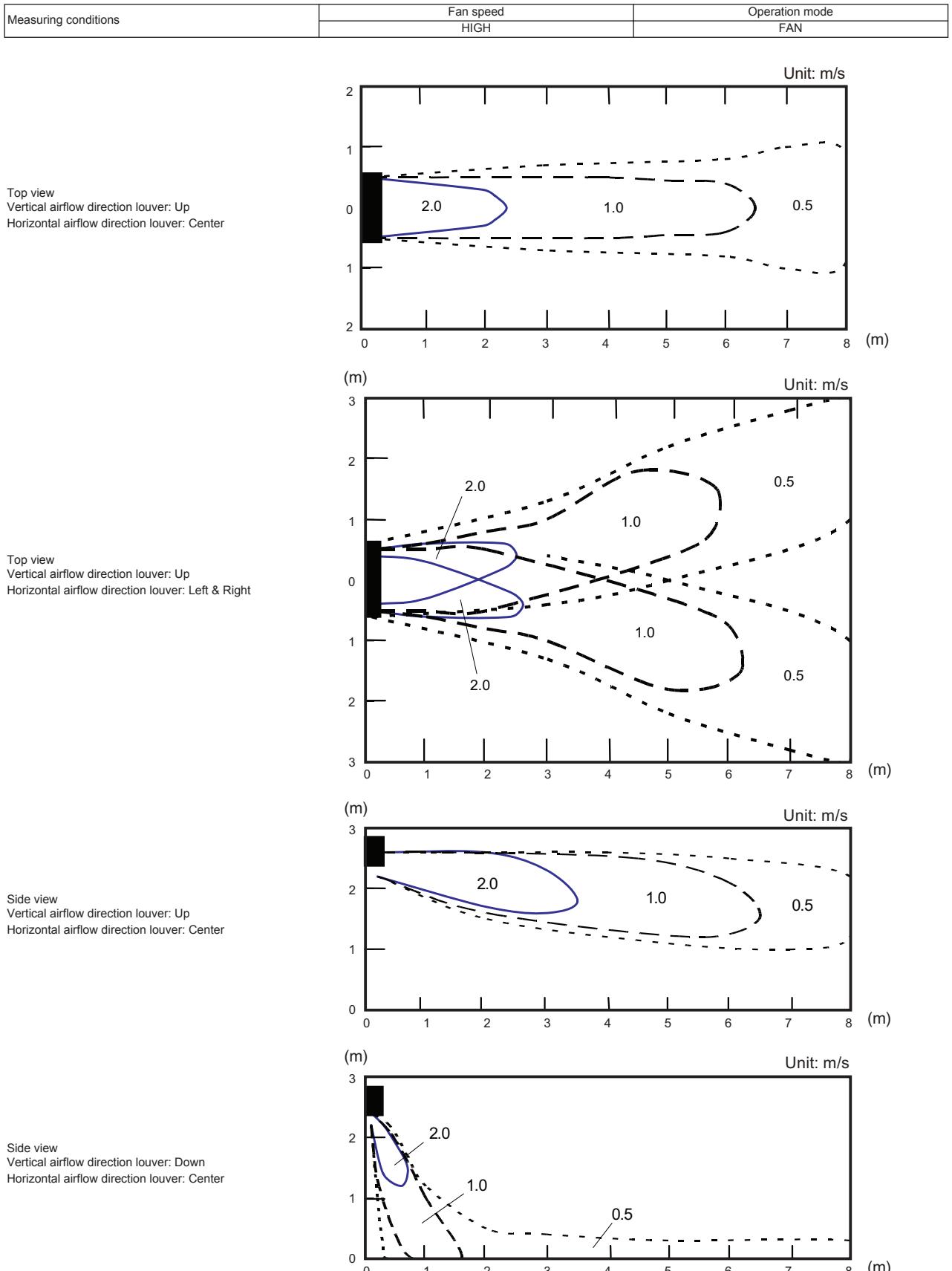


## ■ Model: ASYG18LFCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



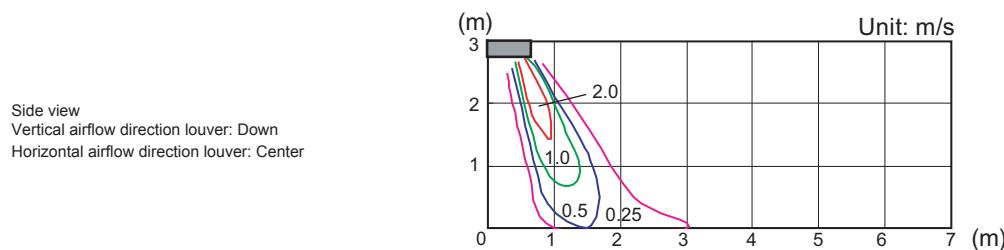
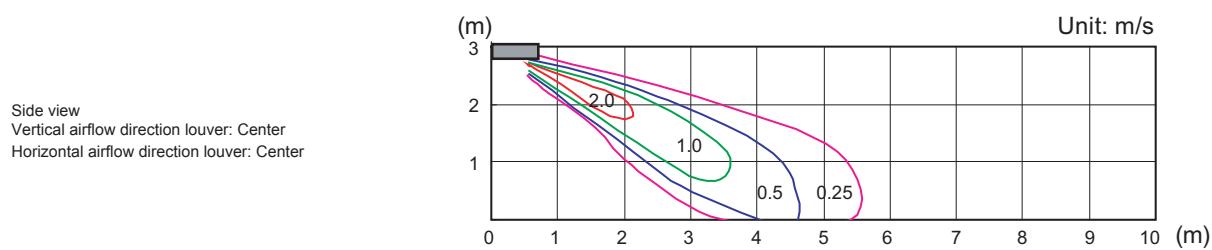
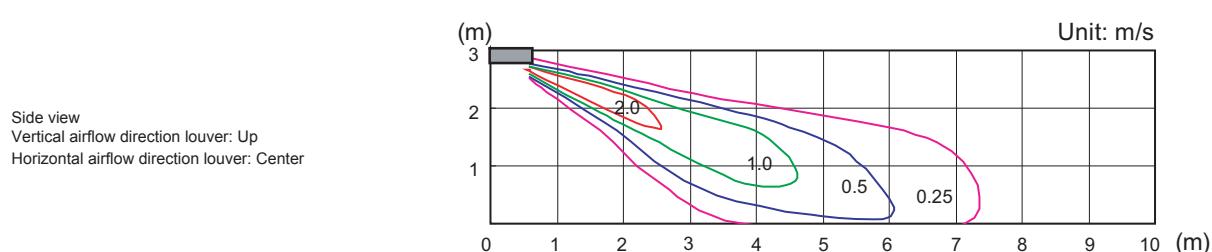
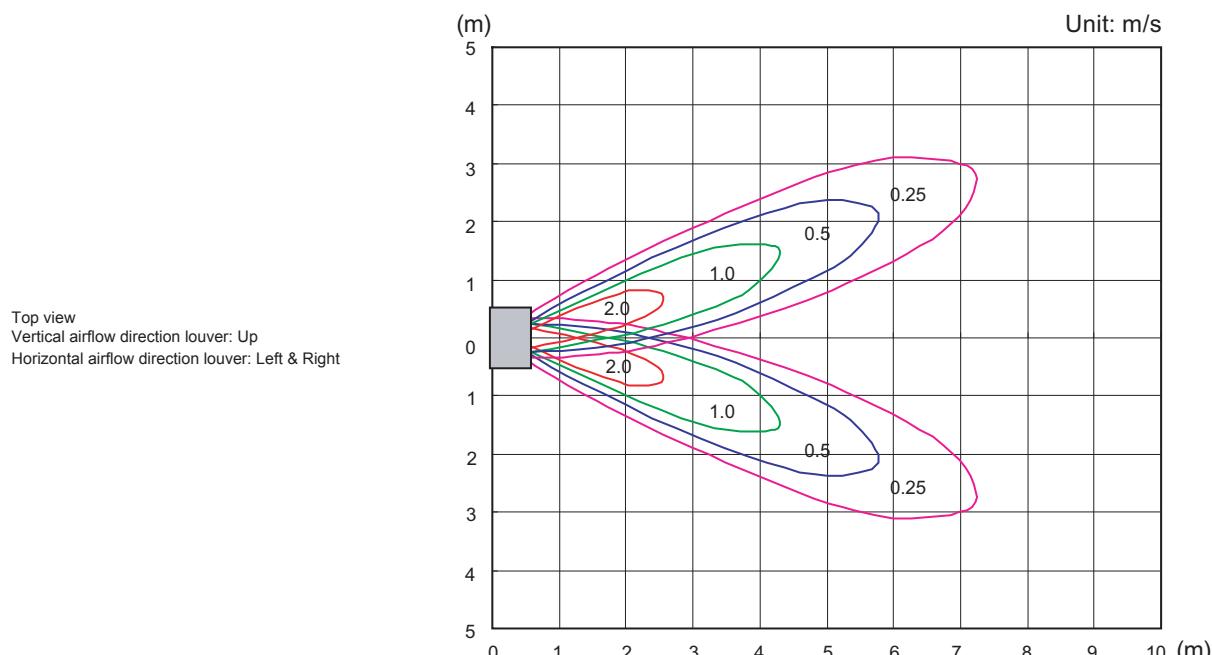
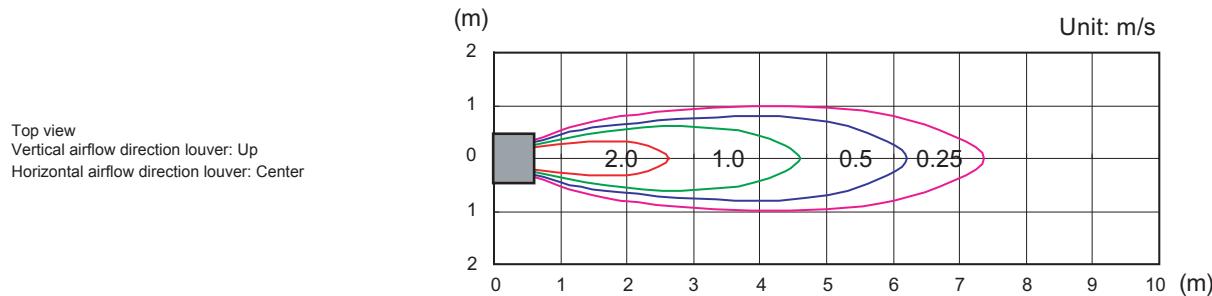
## ■ Models: ASYG24LFCA and ASYG24LFCC



## 5-5. Floor/Ceiling type

### ■ Model: ABYG14LVTA (Under ceiling)

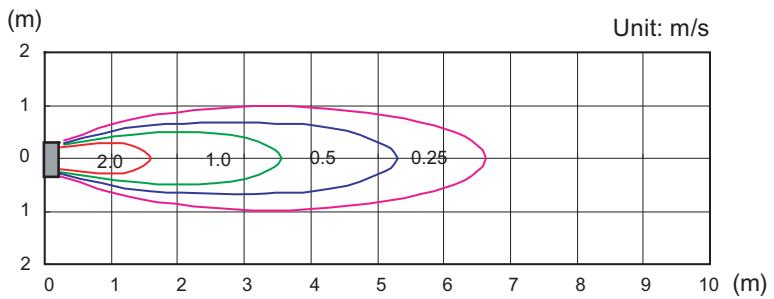
Measuring conditions	Fan speed	Operation mode
	HIGH	FAN



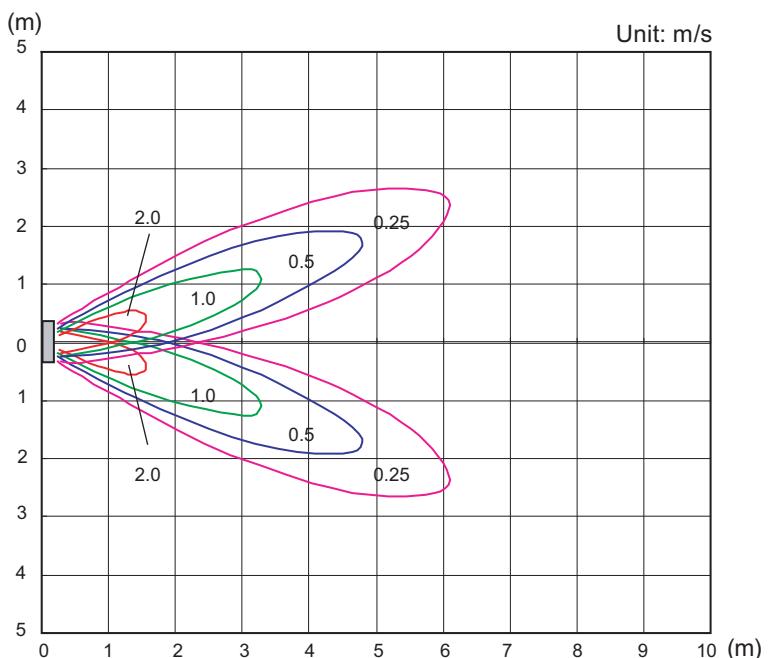
## ■ Model: ABYG14LVTA (Floor console)

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

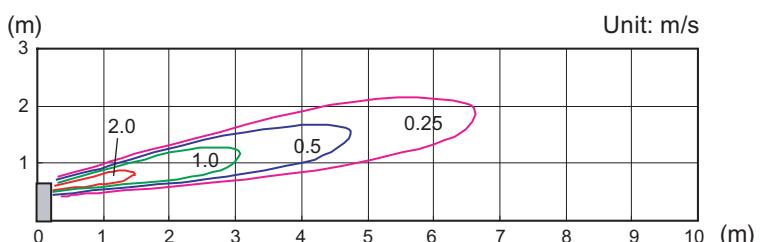
Top view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Center



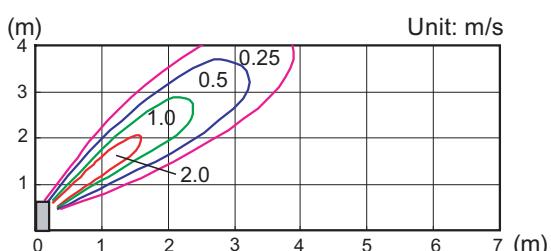
Top view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Left & Right



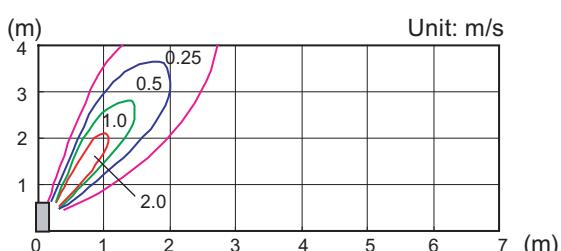
Side view  
Vertical airflow direction louver: Down  
Horizontal airflow direction louver: Center



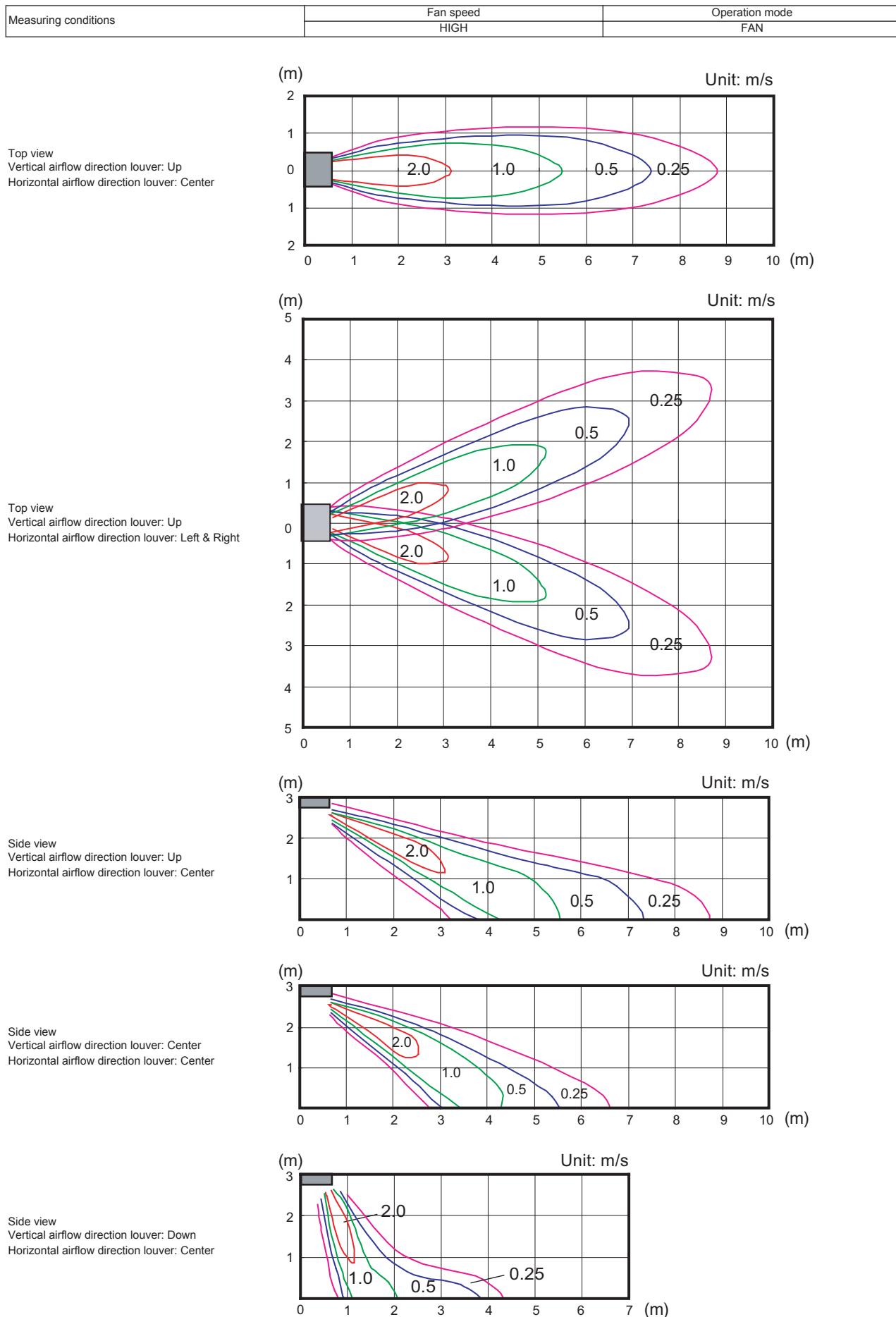
Side view  
Vertical airflow direction louver: Center  
Horizontal airflow direction louver: Center



Side view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Center



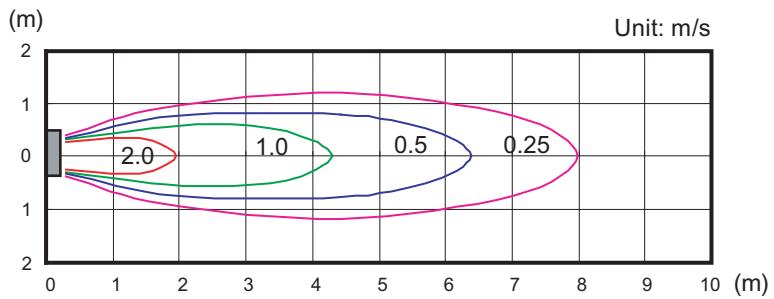
## ■ Models: ABYG18LVTA and ABYG18LVTB (Under ceiling)



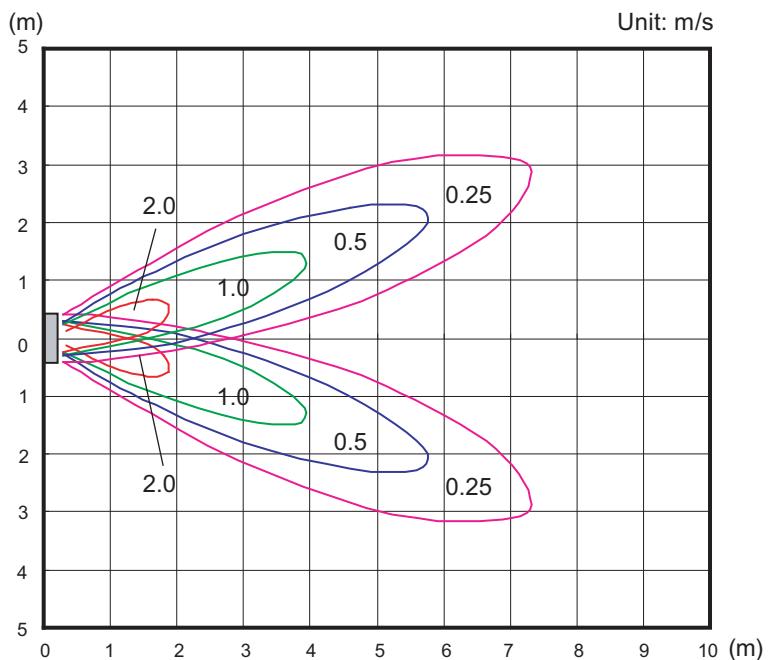
## ■ Models: ABYG18LVTA and ABYG18LVTB (Floor console)

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

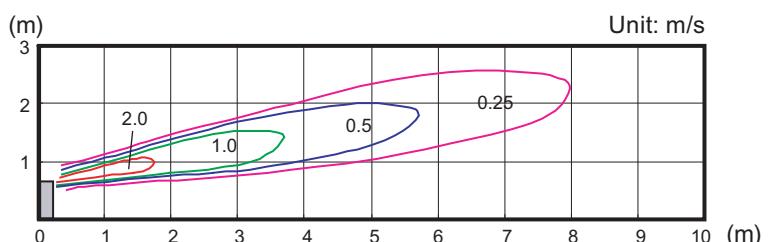
Top view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Center



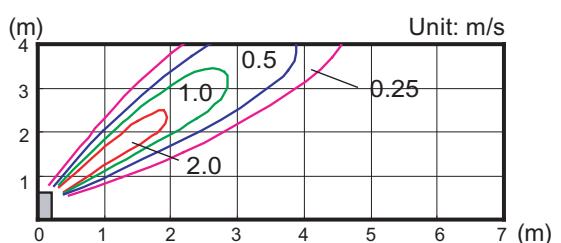
Top view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Left & Right



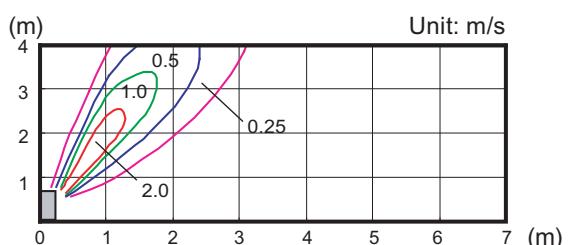
Side view  
Vertical airflow direction louver: Down  
Horizontal airflow direction louver: Center



Side view  
Vertical airflow direction louver: Center  
Horizontal airflow direction louver: Center



Side view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Center

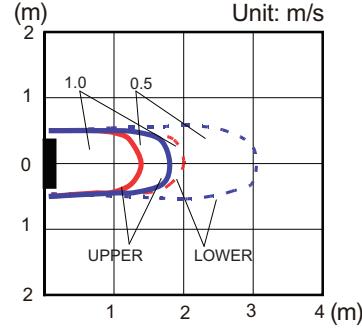


## 5-6. Floor type

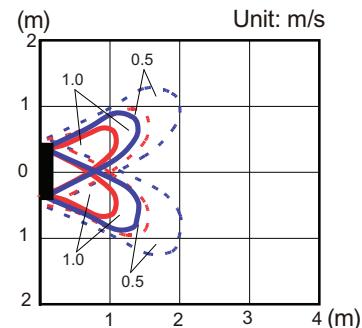
### ■ Models: AGYG09LVCA, AGYG12LVCA, and AGYG14LVCA

Measuring conditions	Fan speed	Operation mode	Fan select
	HIGH	FAN	Upper and lower

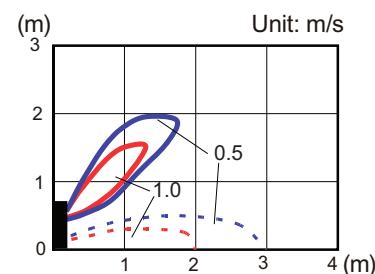
Top view  
 Vertical airflow direction louver: Up  
 Horizontal airflow direction louver: Center



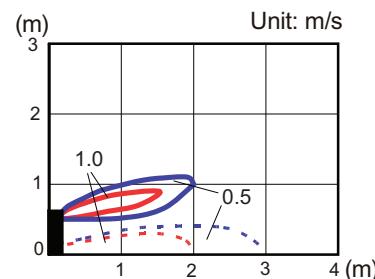
Top view  
 Vertical airflow direction louver: Up  
 Horizontal airflow direction louver: Left & Right



Side view  
 Vertical airflow direction louver: Up  
 Horizontal airflow direction louver: Center



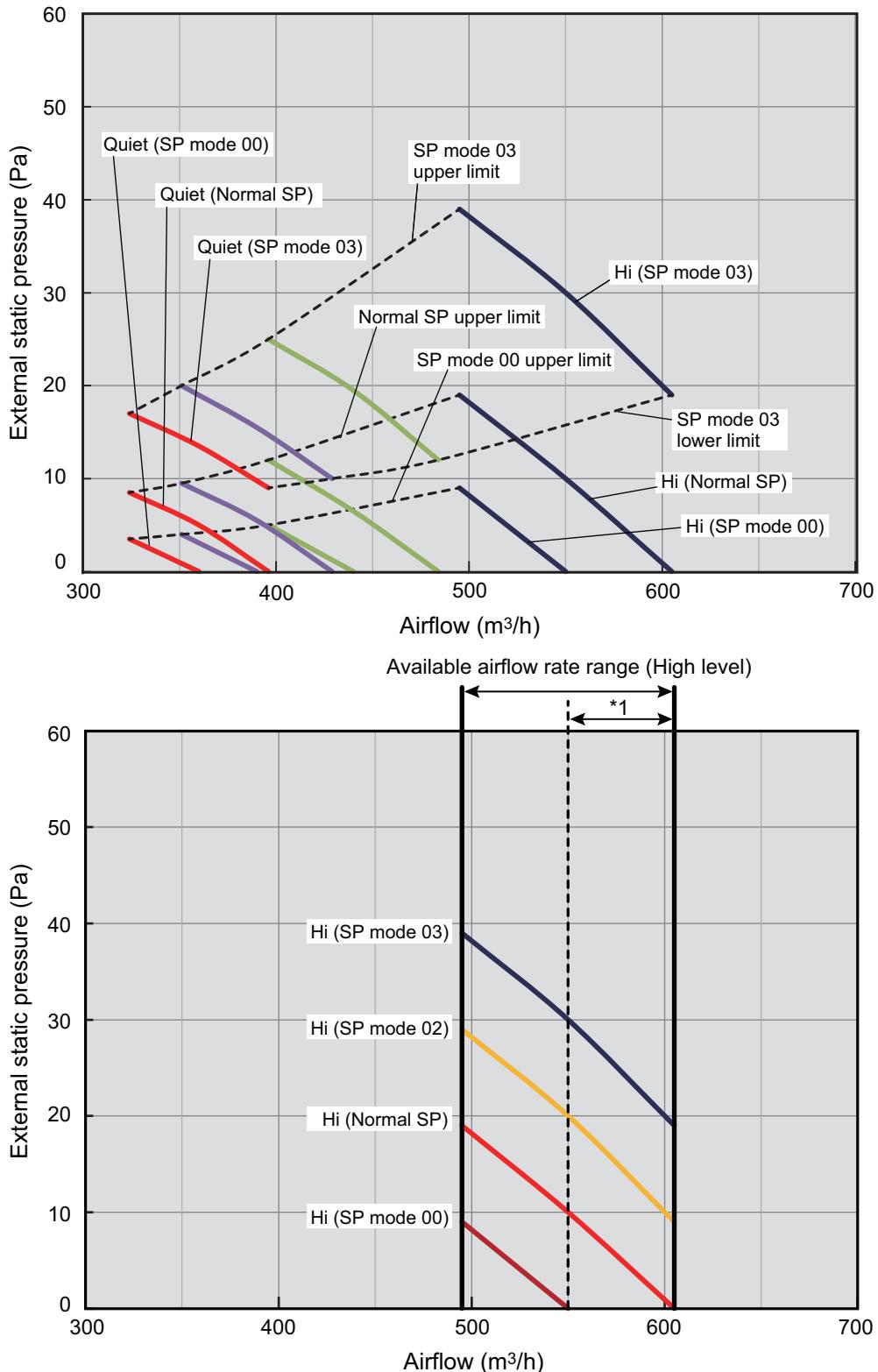
Side view  
 Vertical airflow direction louver: Down  
 Horizontal airflow direction louver: Center



## 6. Fan performance

### 6-1. Mini duct type

#### ■ Model: ARYG07LSLAP



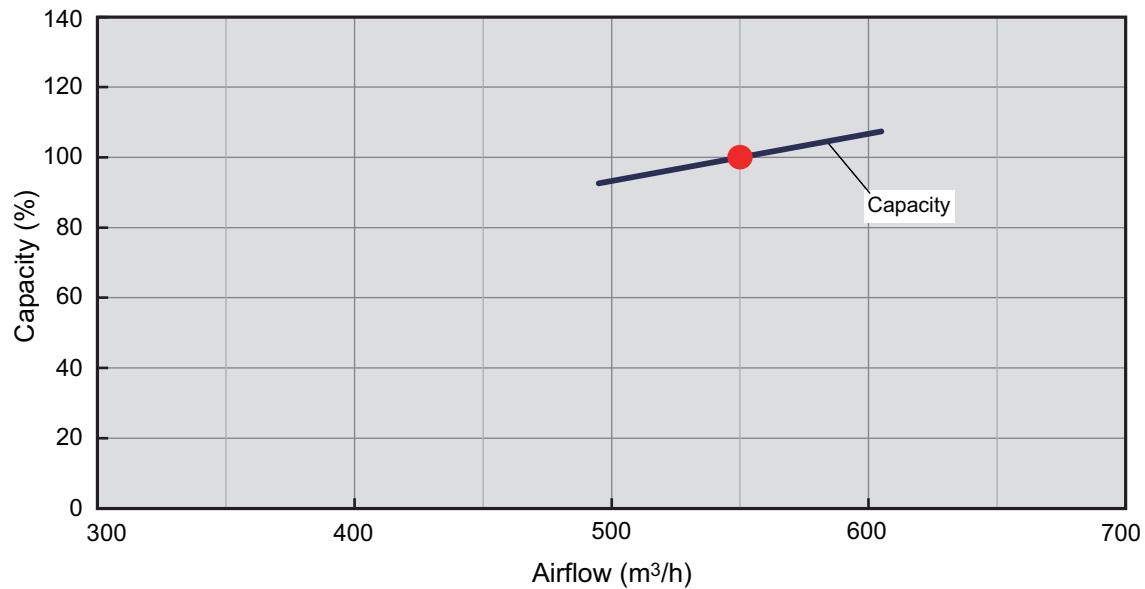
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

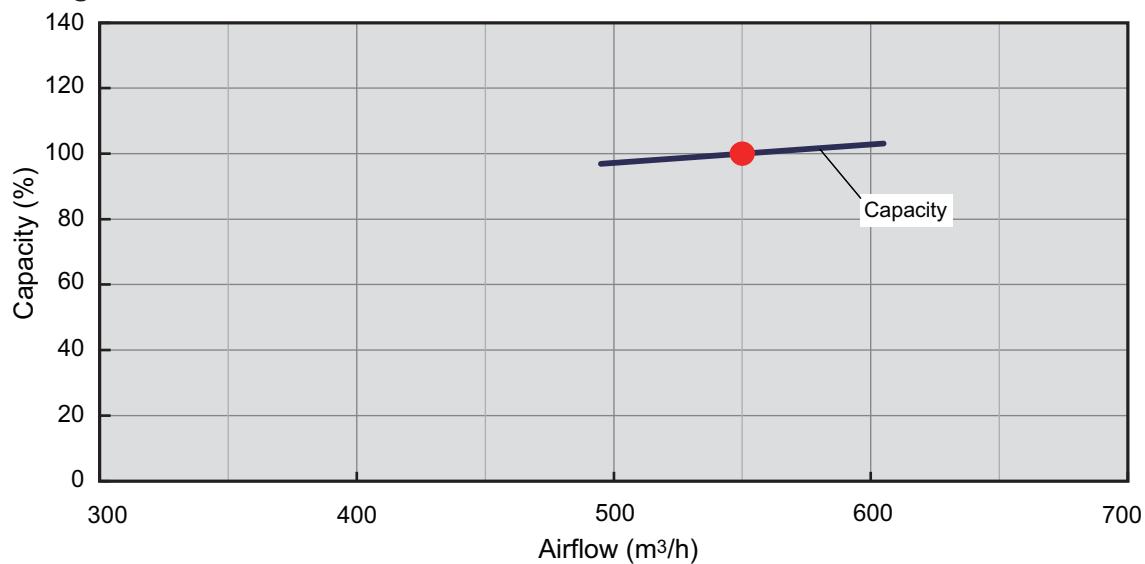
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

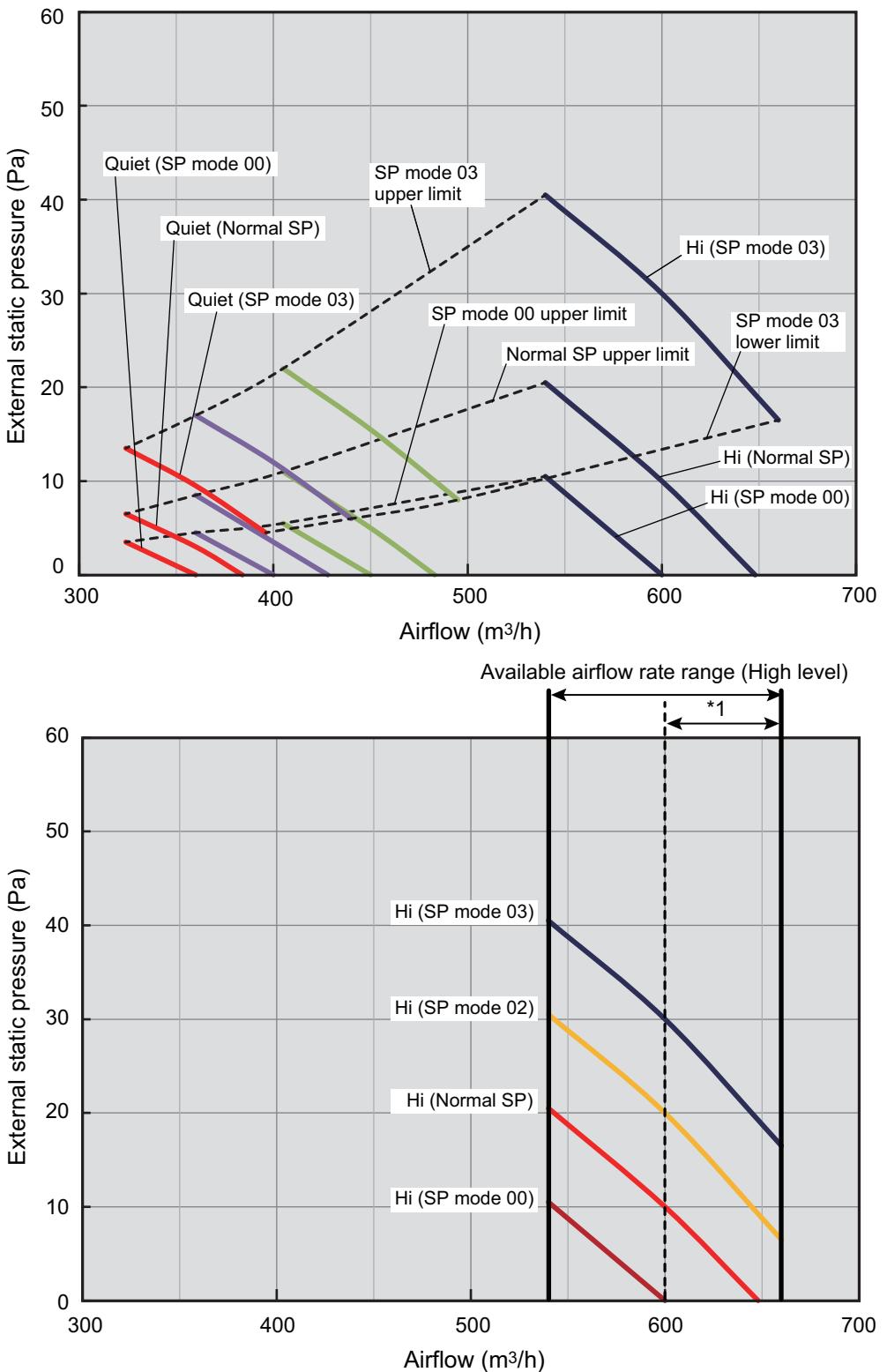
- Cooling



- Heating



## ■ Model: ARYG09LSLAP



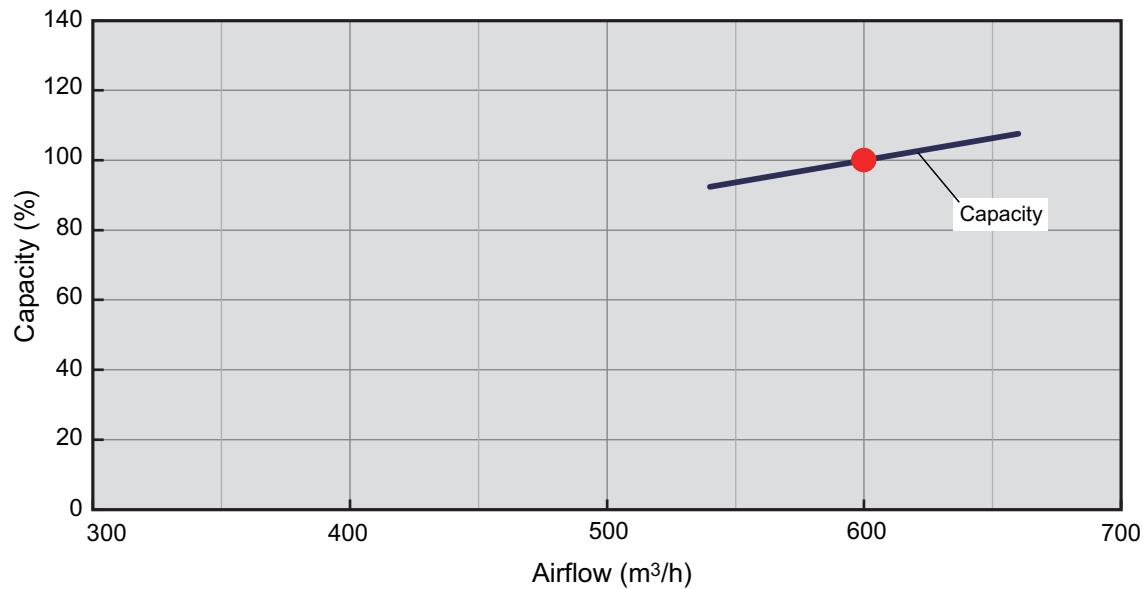
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

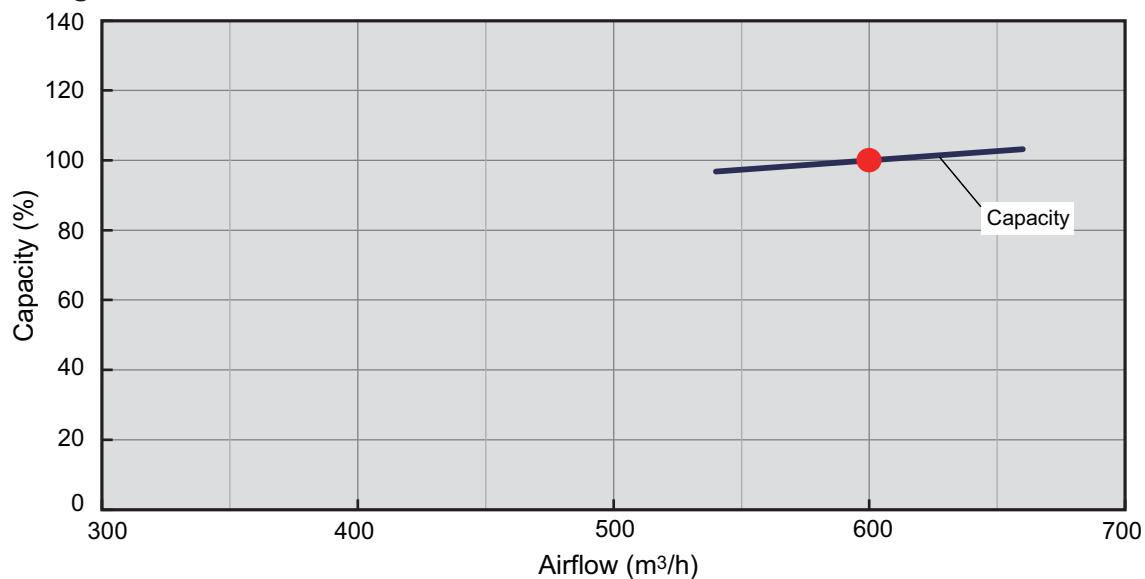
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

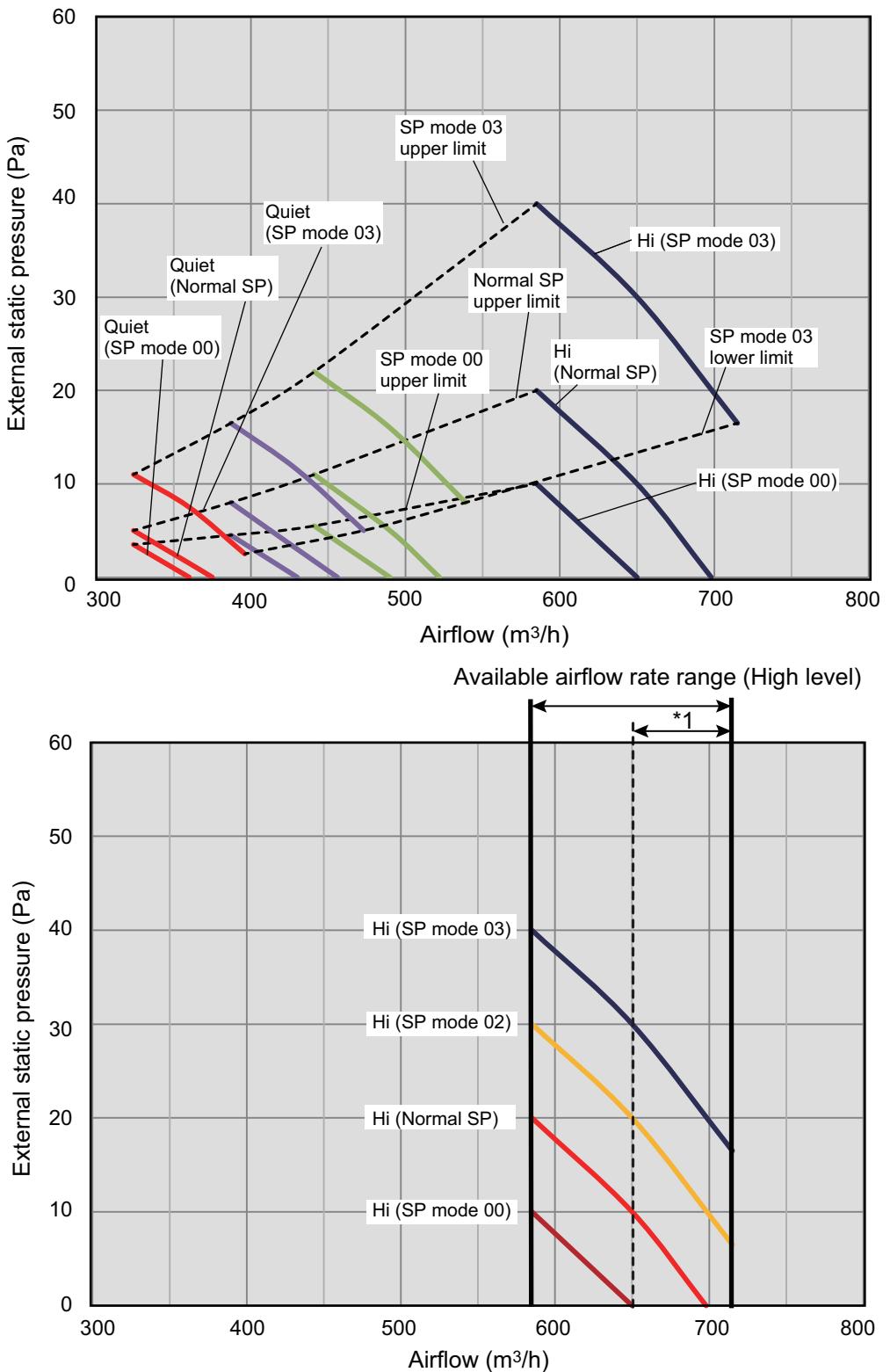
- Cooling



- Heating



## ■ Model: ARYG12LSLAP



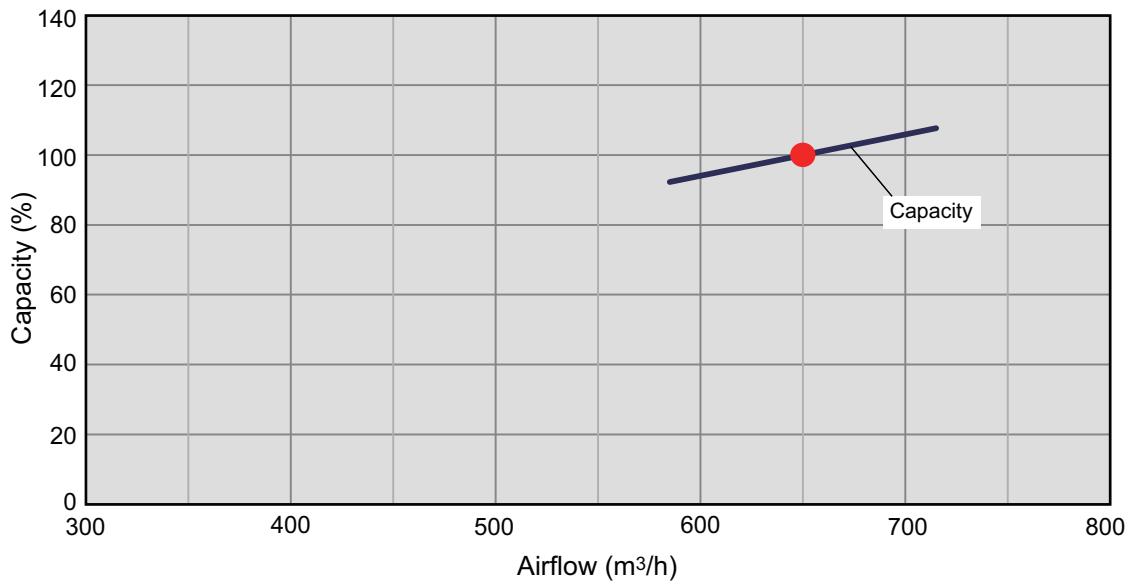
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

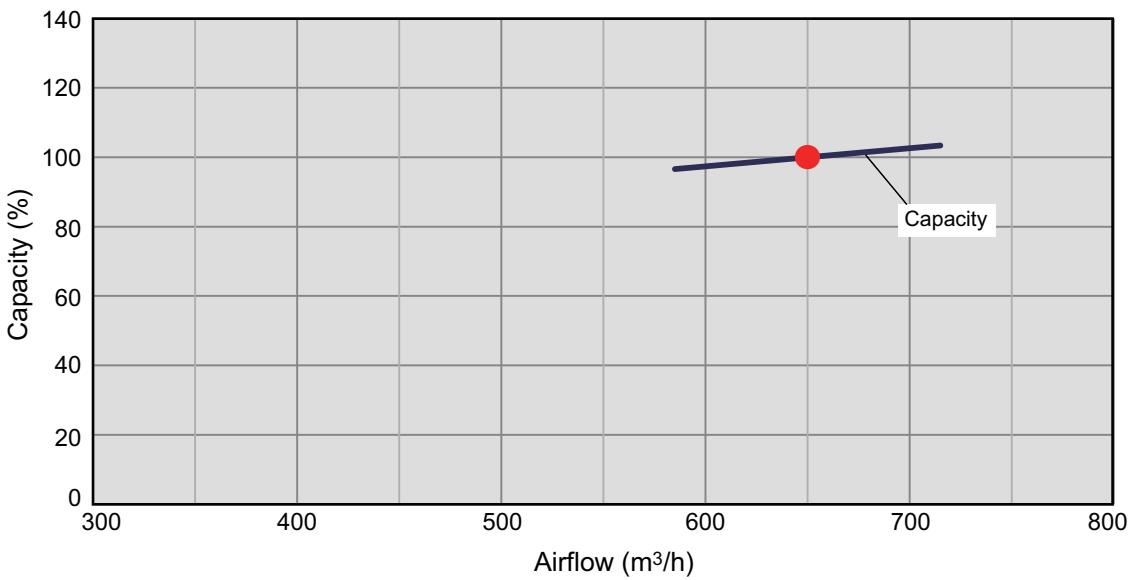
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

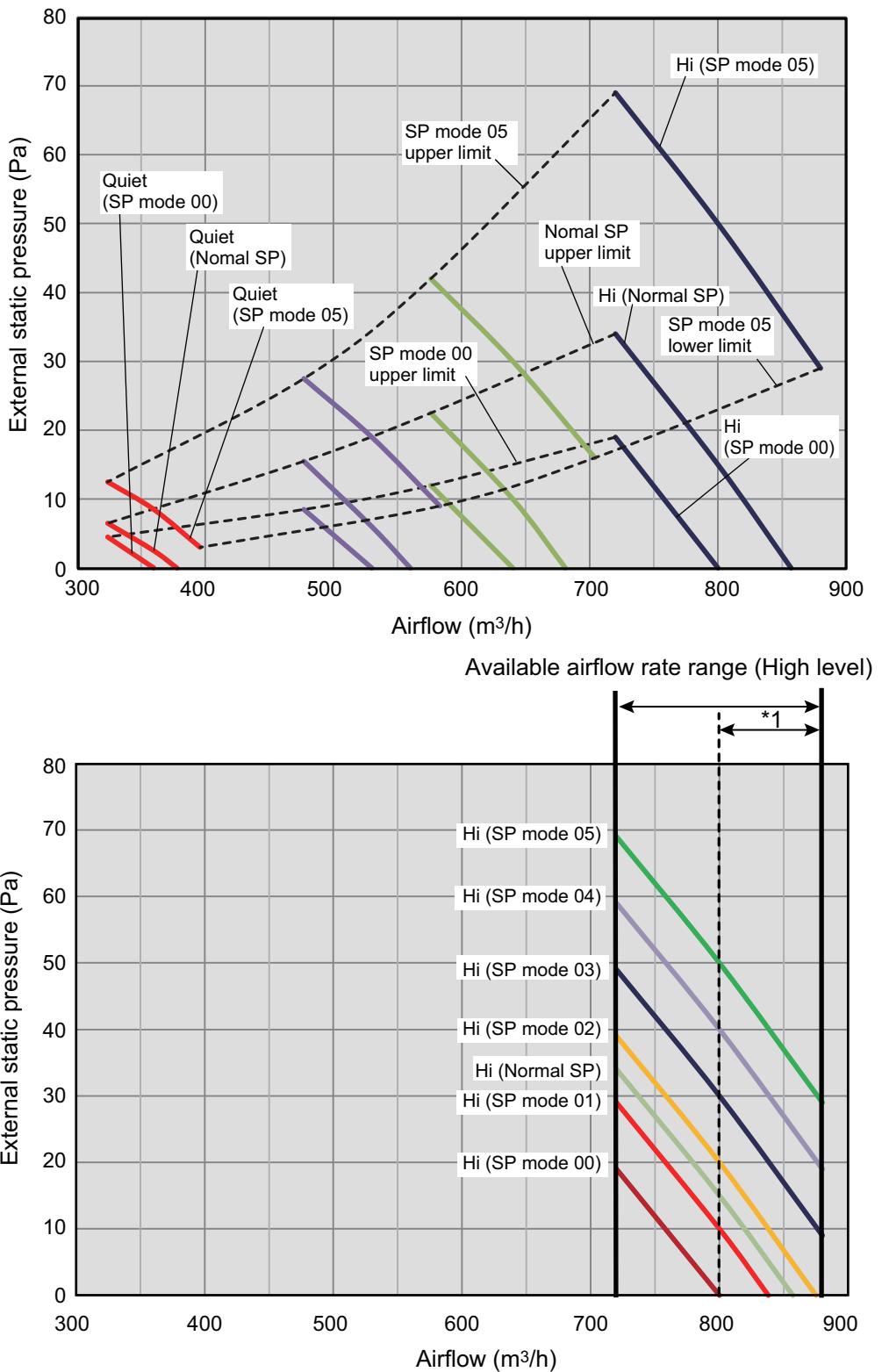
- Cooling



- Heating



## ■ Model: ARYG14LSLAP



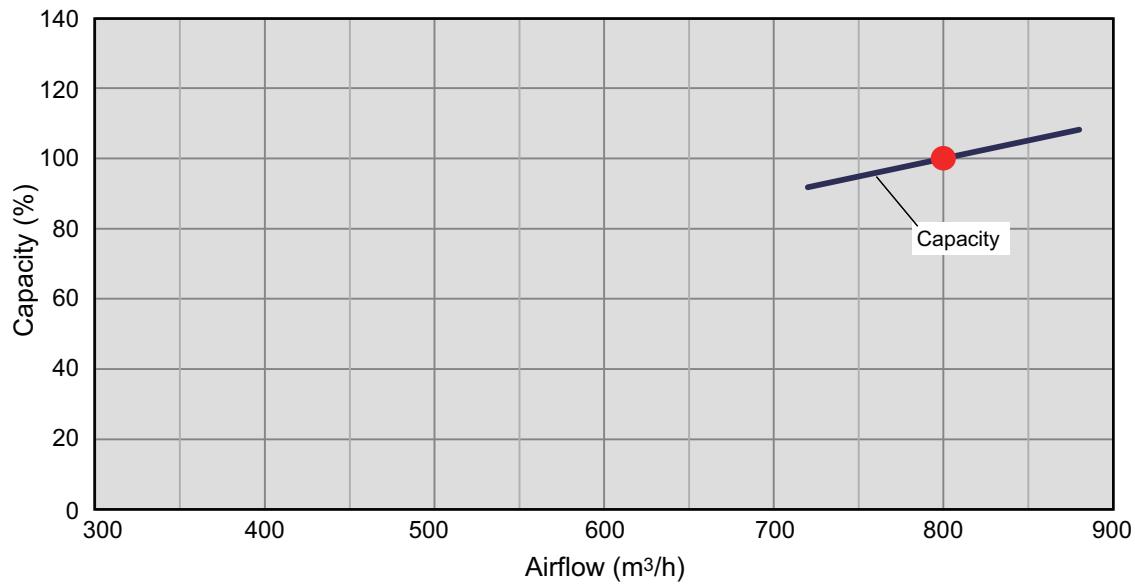
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

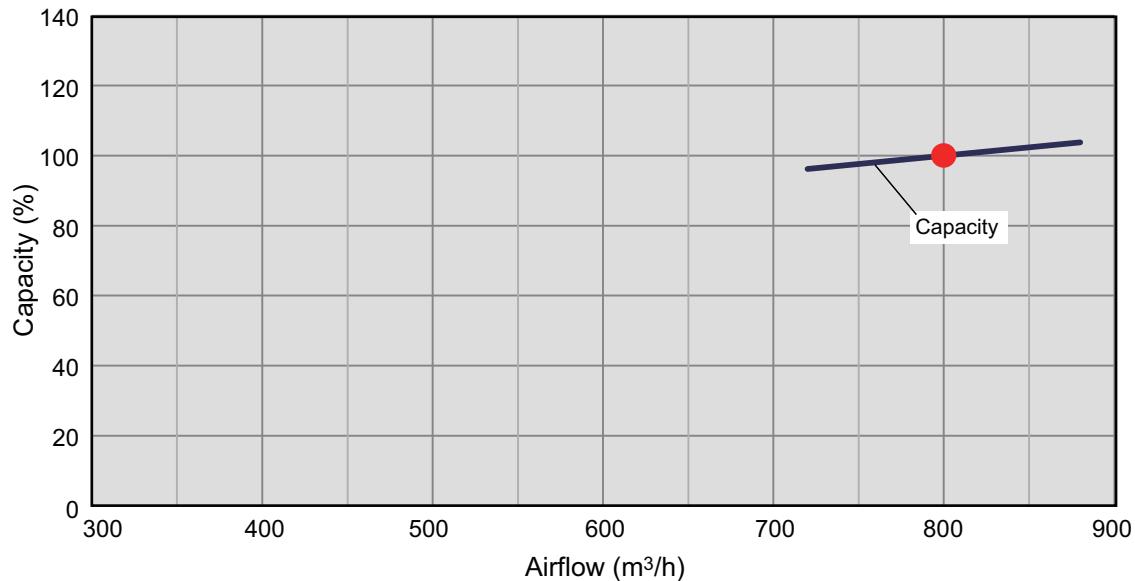
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

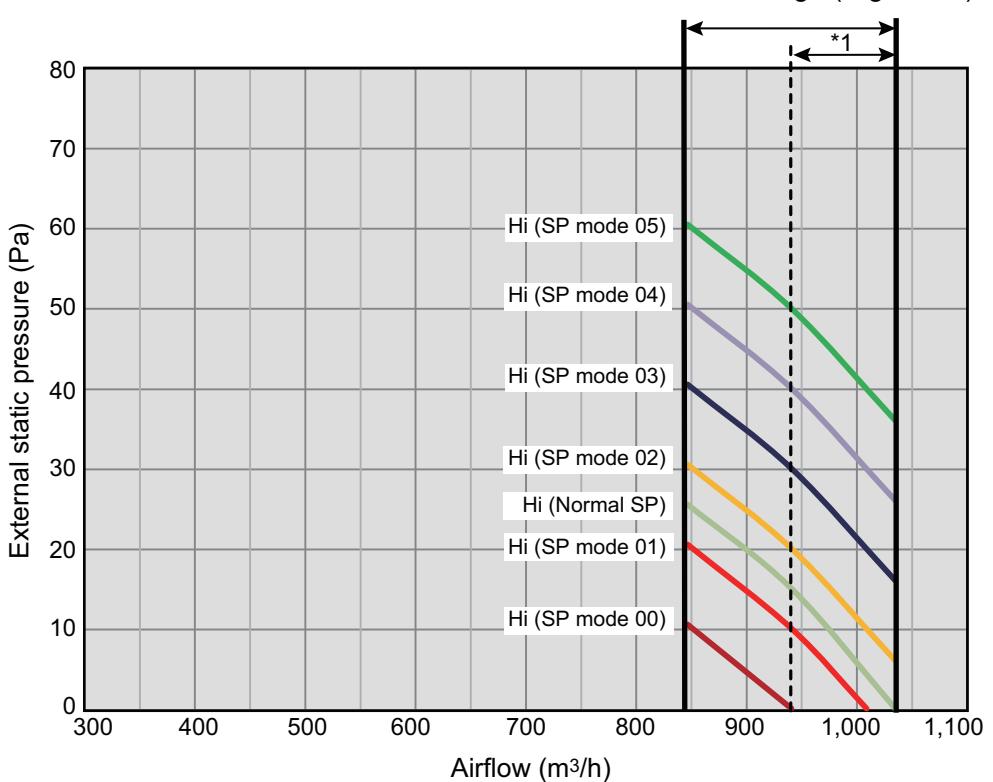
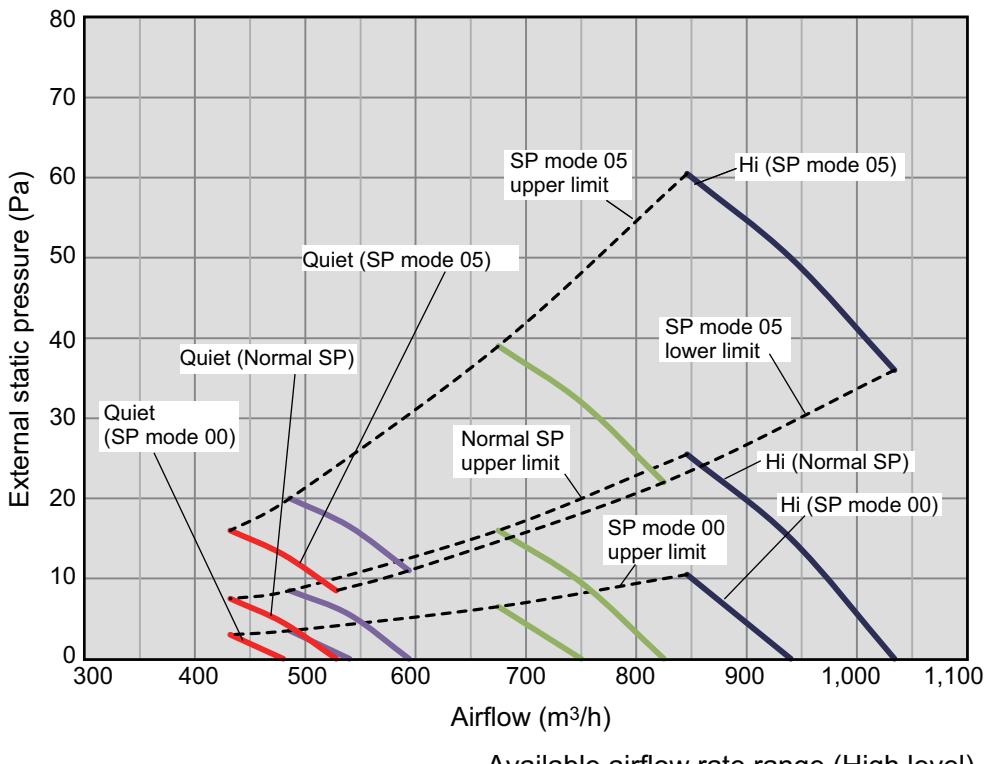
- Cooling



- Heating



## ■ Model: ARYG18LSLAP



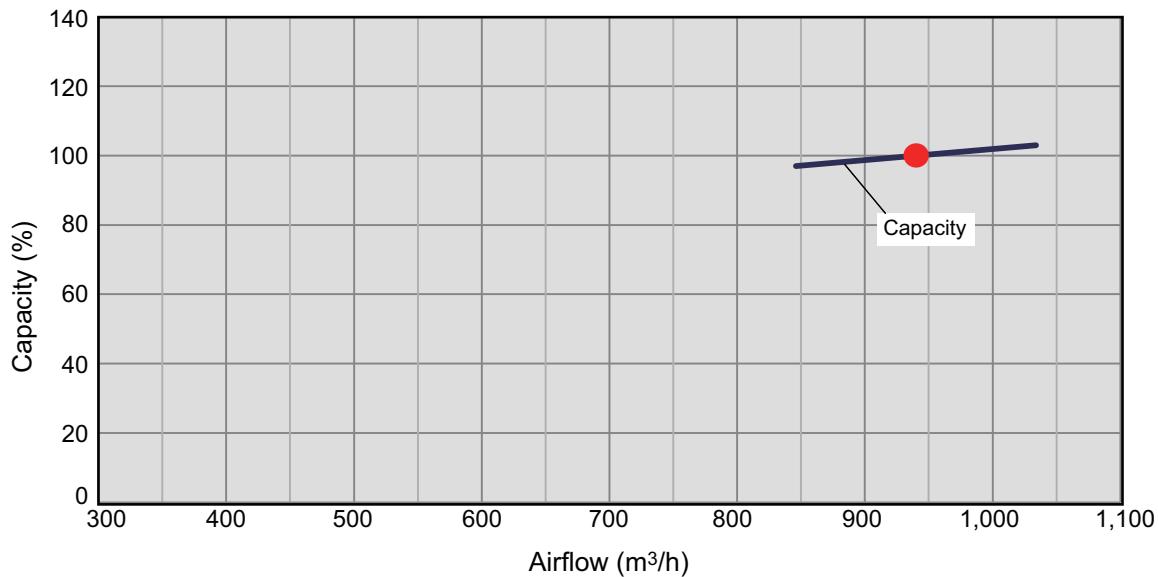
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

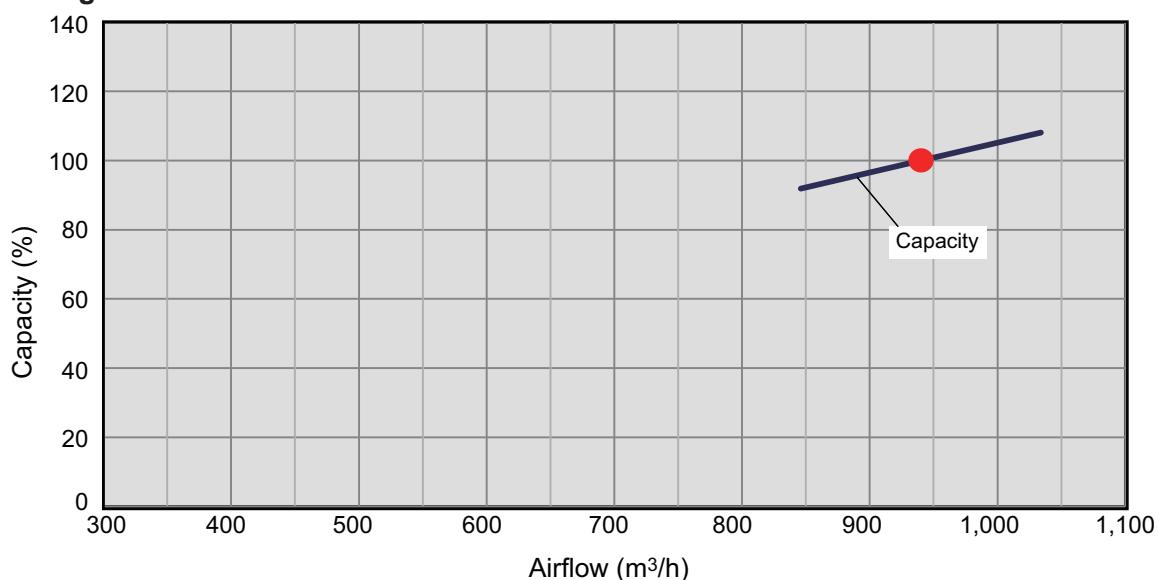
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

- Cooling

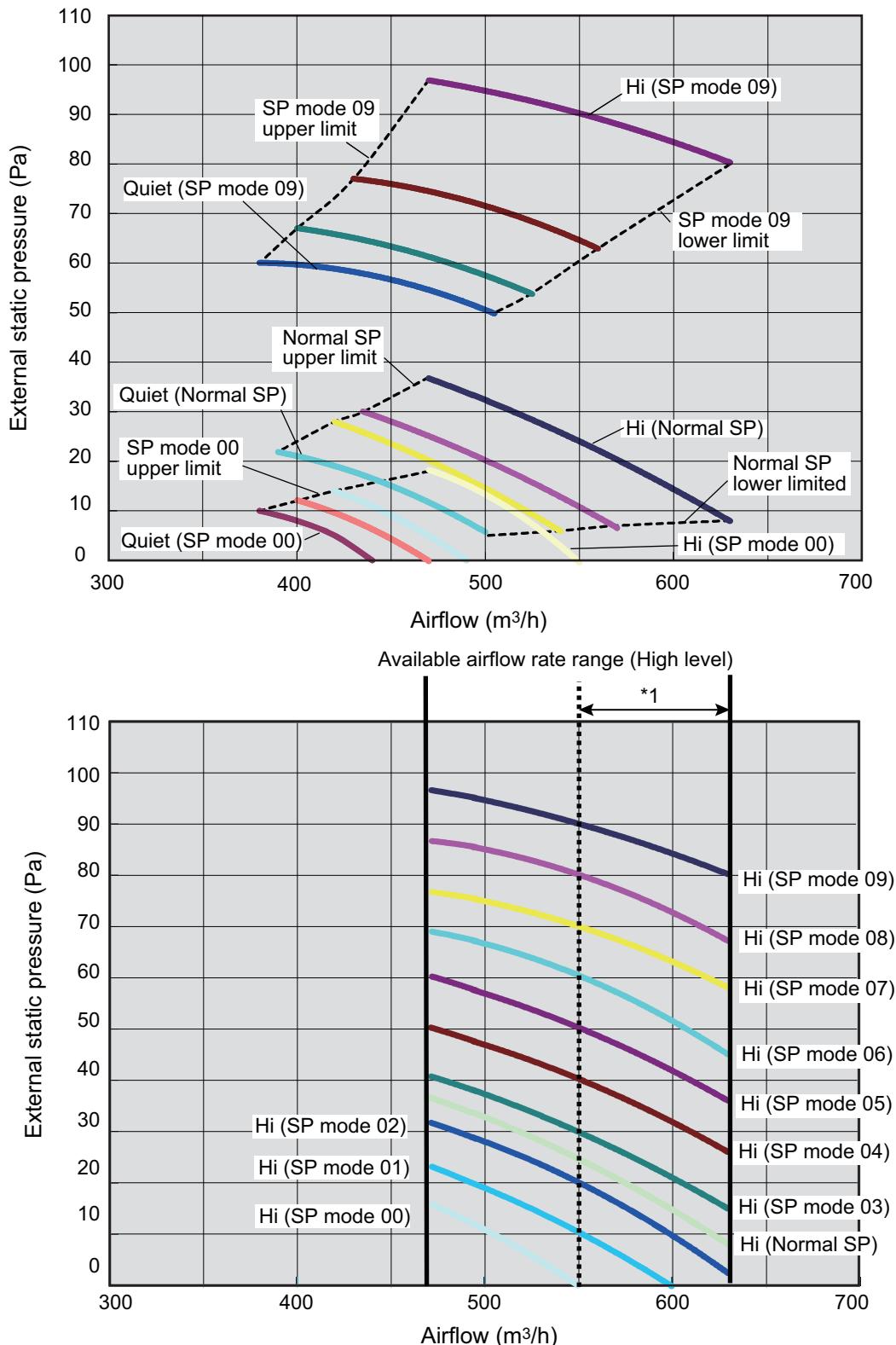


- Heating



## 6-2. Slim duct type

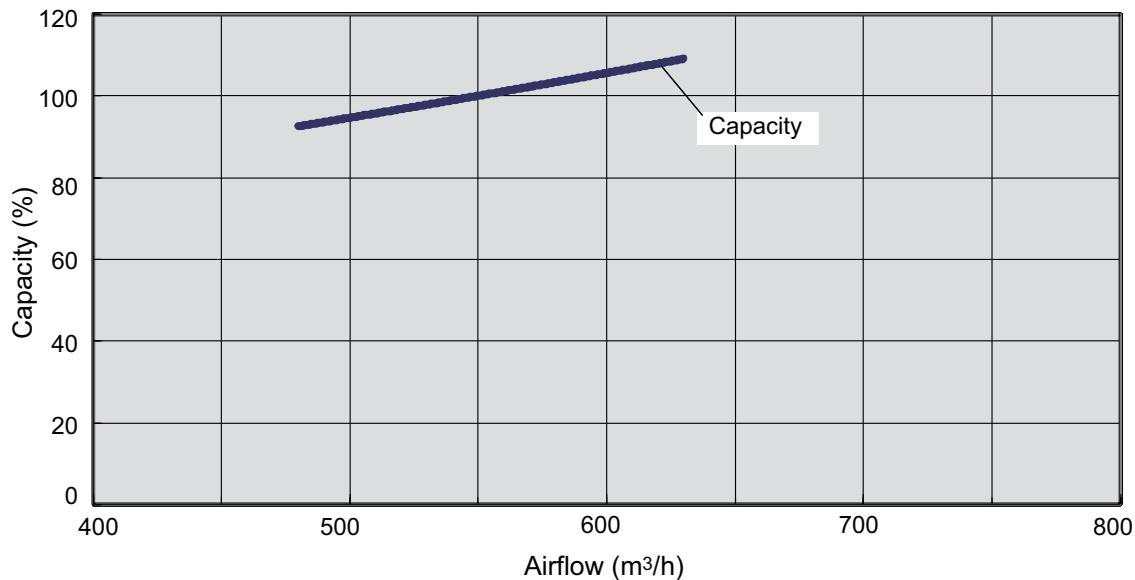
### ■ Model: ARYG07LLTA



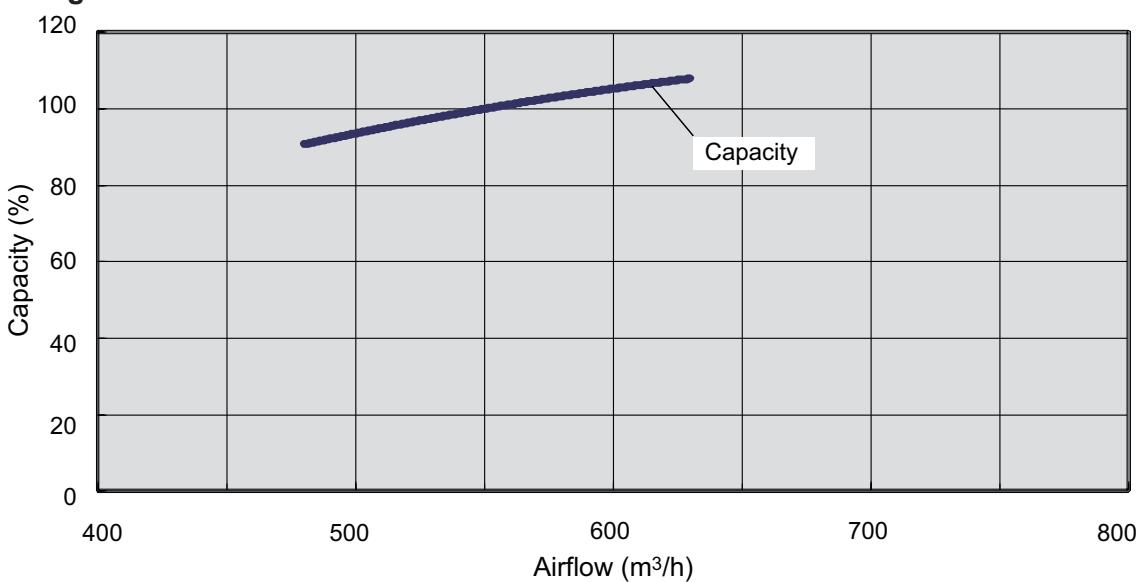
\*1: Available airflow rate range when Auto louver grille (option) is installed.  
 Fan speed: HIGH  
 Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

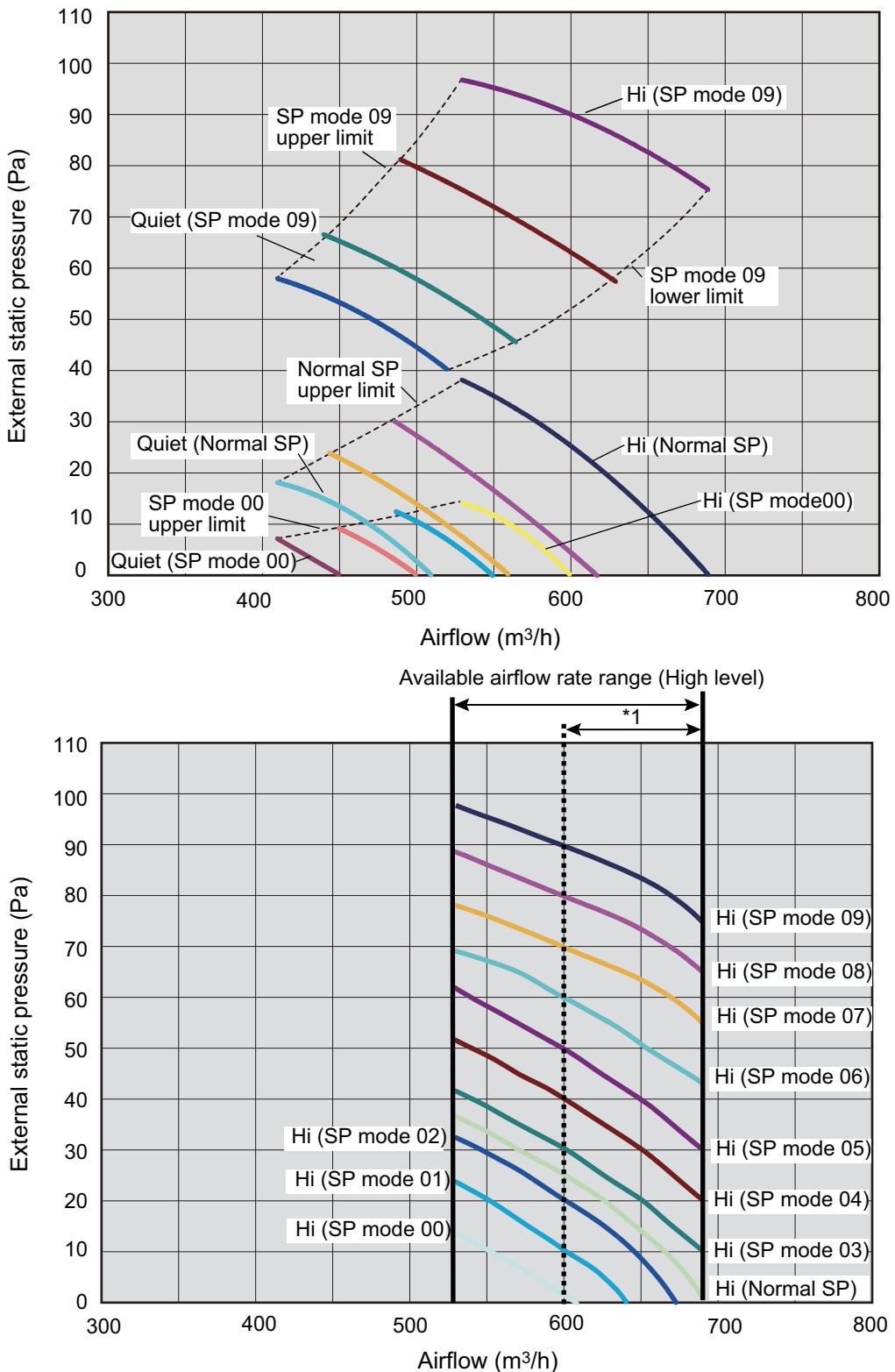
- Cooling



- Heating



## ■ Model: ARYG09LLTA



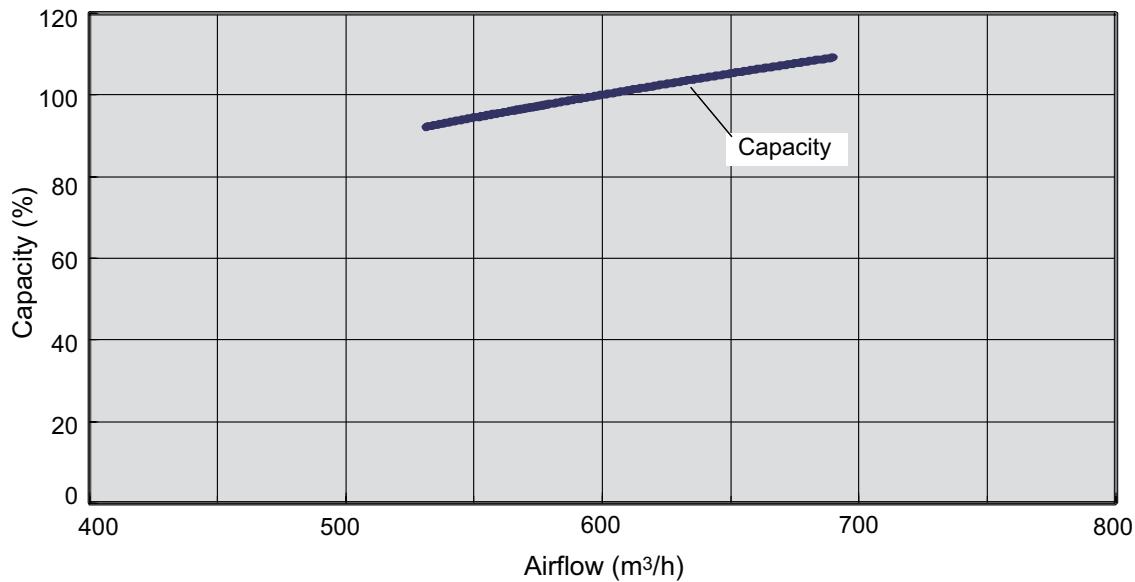
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

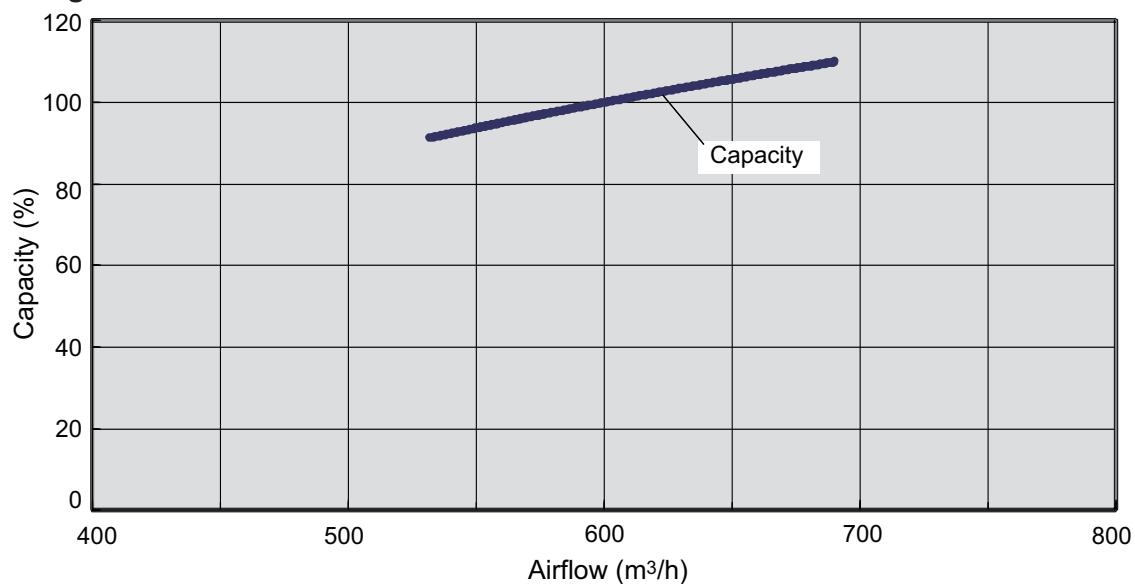
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

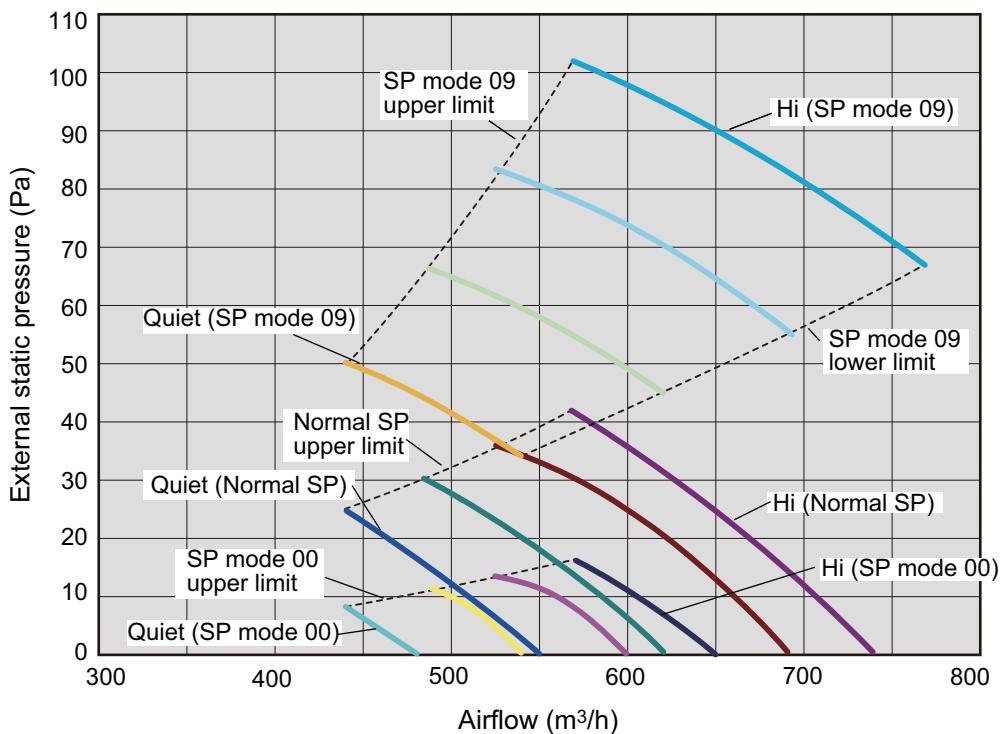
- Cooling



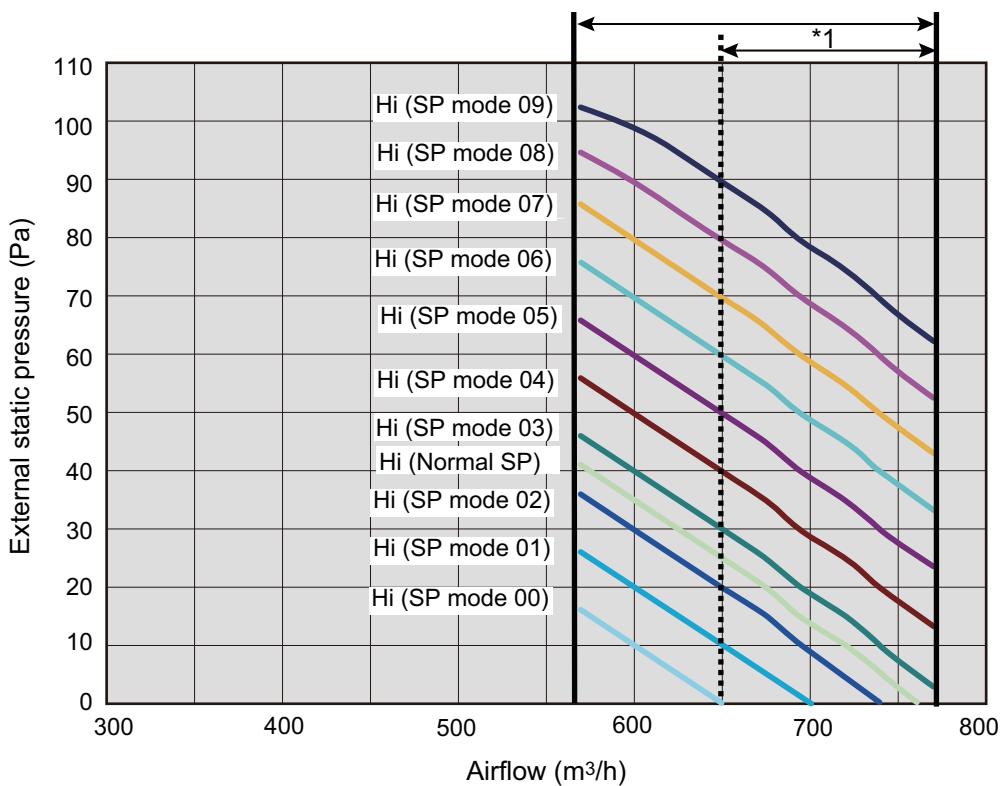
- Heating



## ■ Models: ARYG12LLTA and ARYG12LLTB



Available airflow rate range (High level)



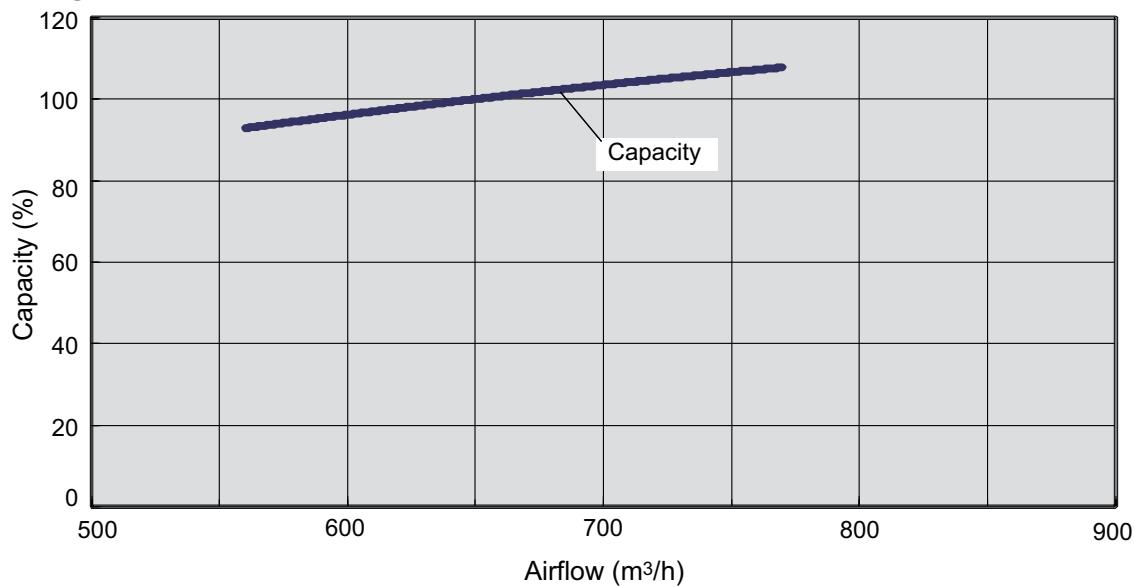
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

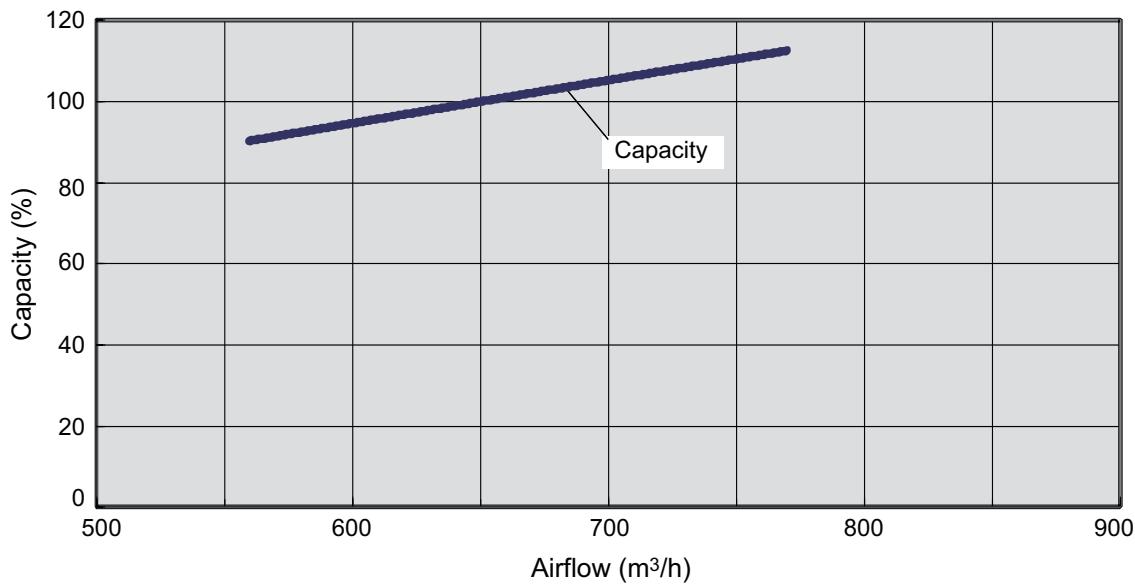
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

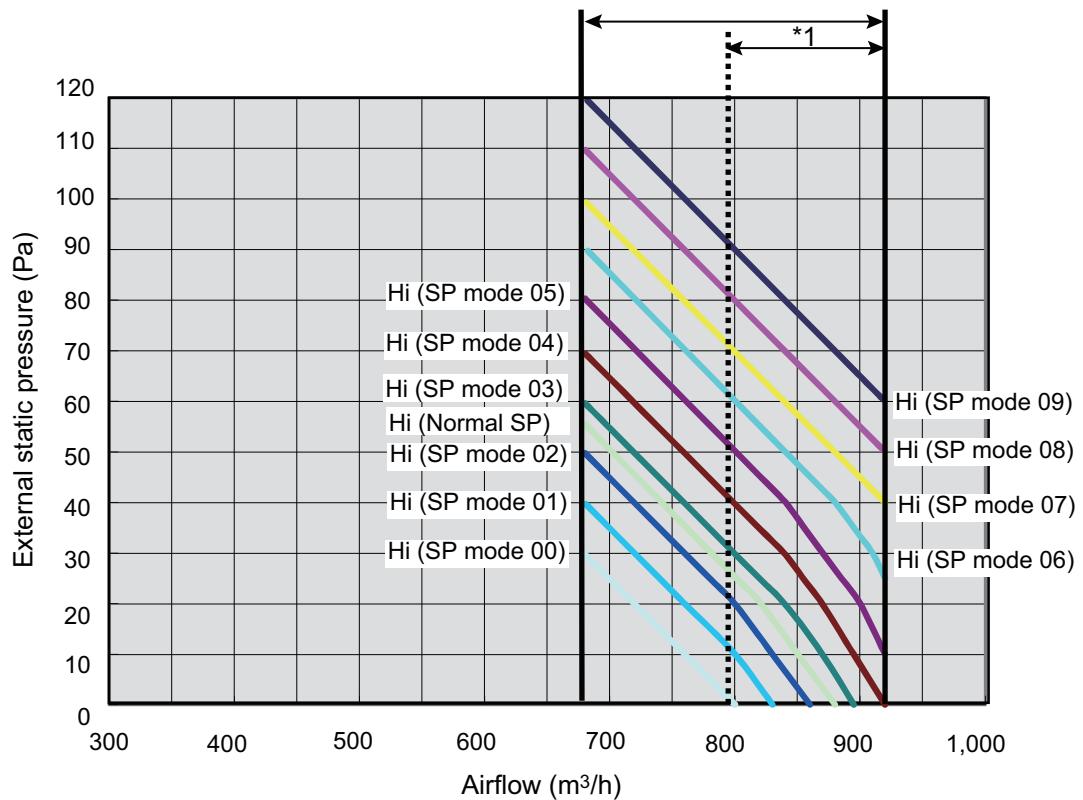
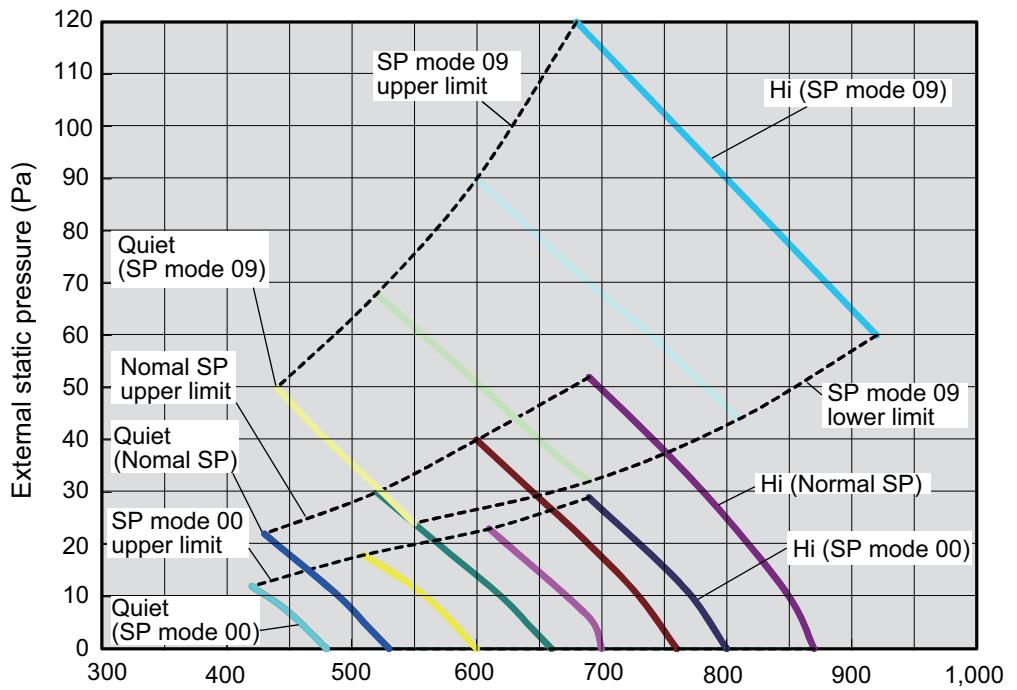
- Cooling



- Heating



## ■ Models: ARYG14LLTA and ARYG14LLTB



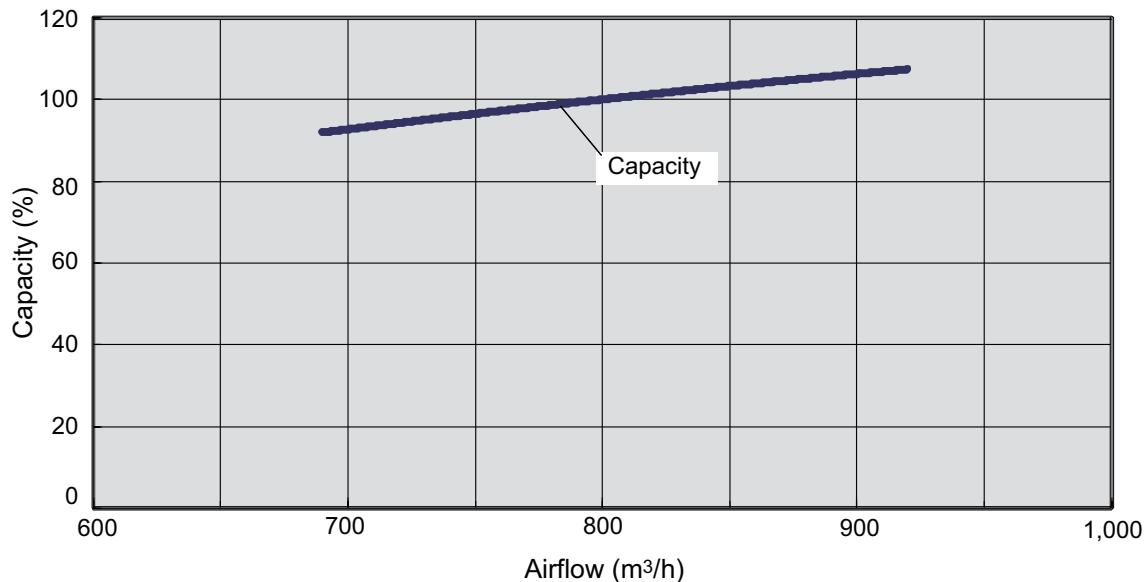
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

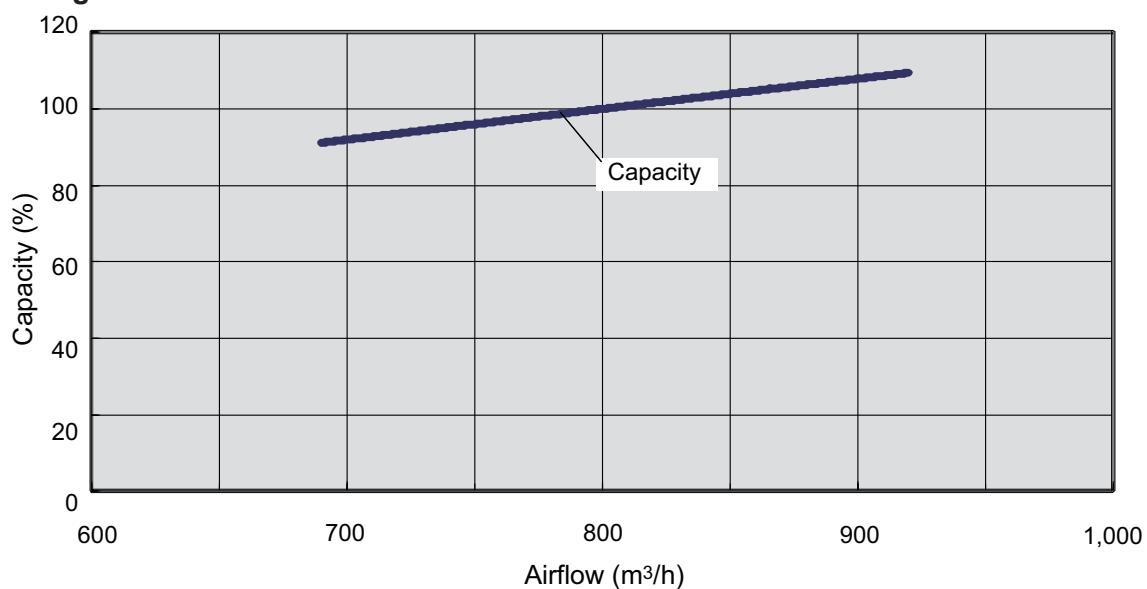
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

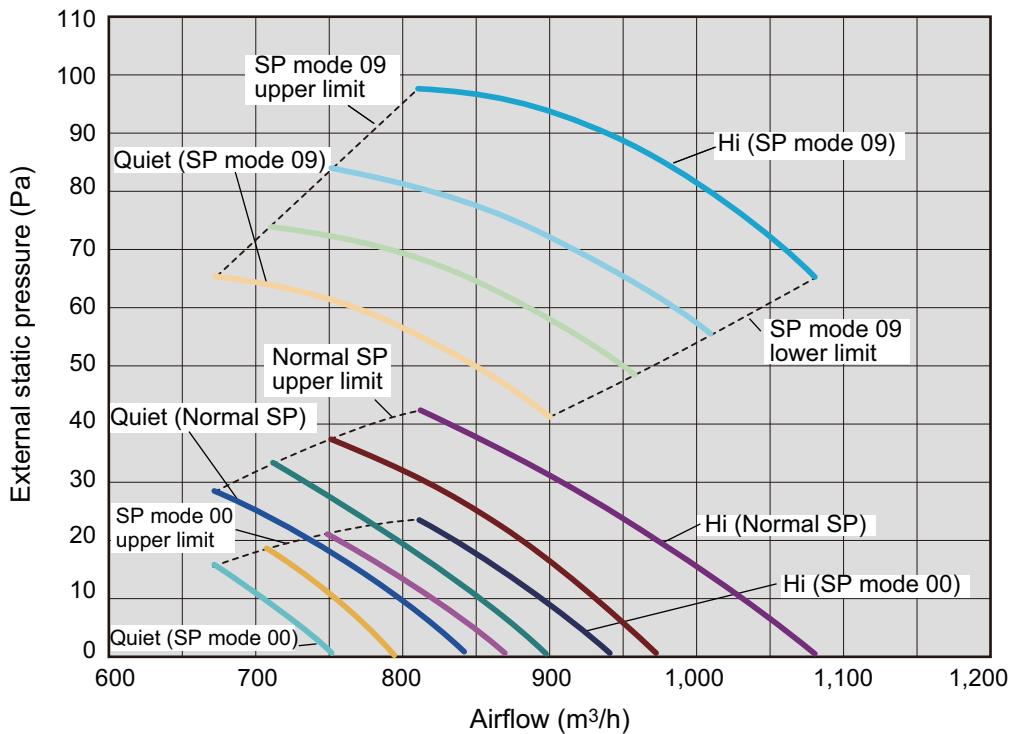
- Cooling



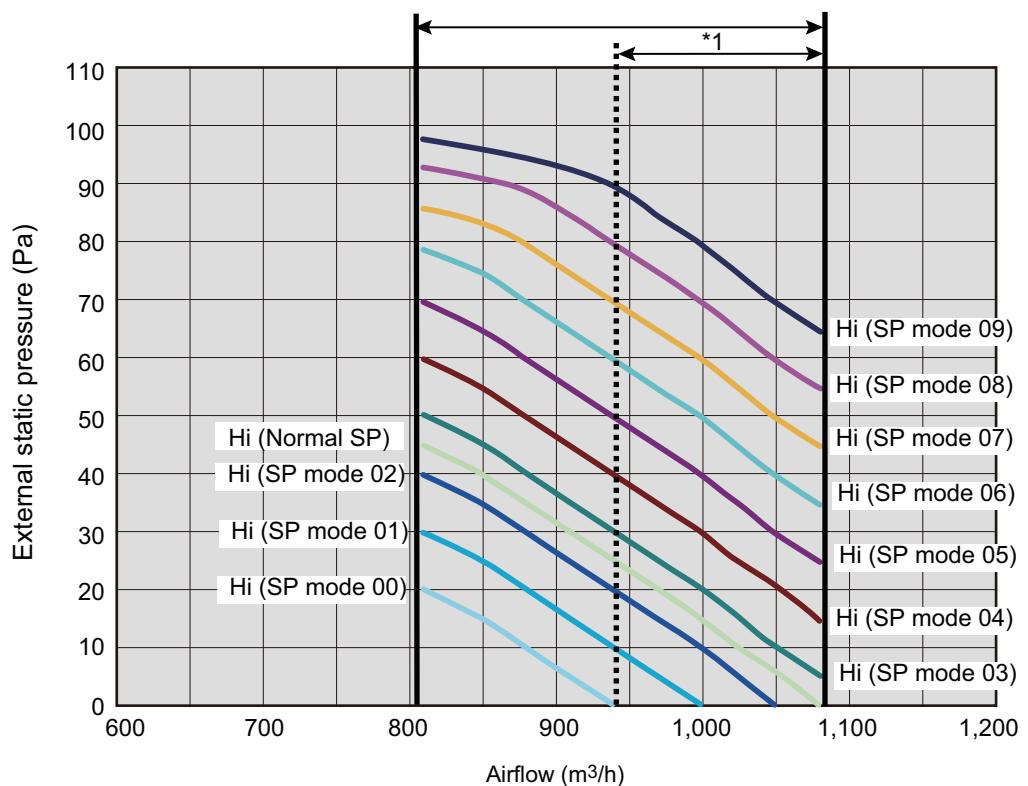
- Heating



## ■ Models: ARYG18LLTA and ARYG18LLTB



Available airflow rate range (High level)

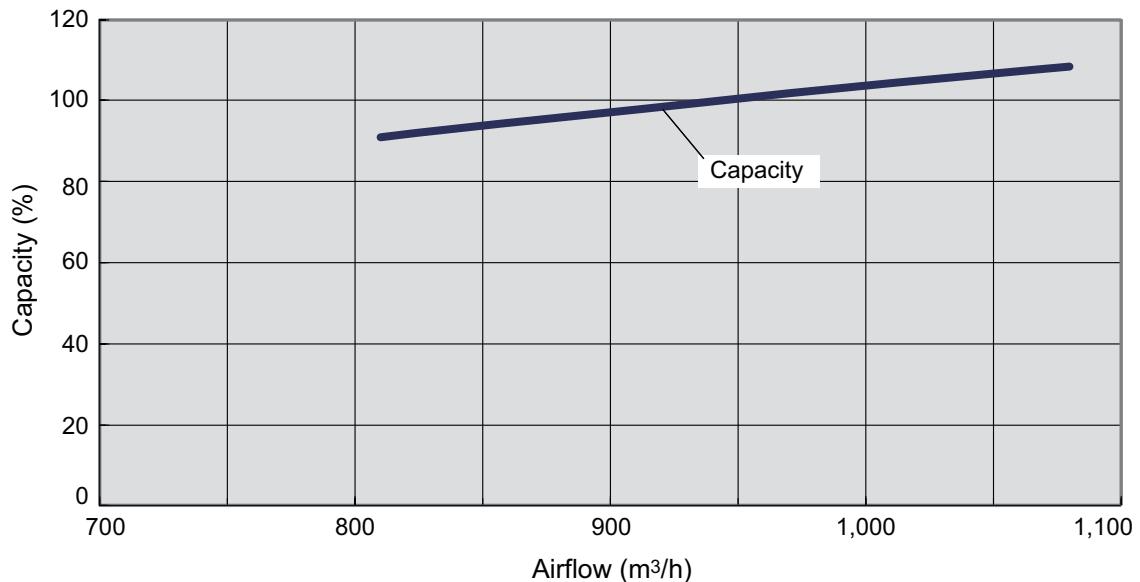


Fan speed: HIGH

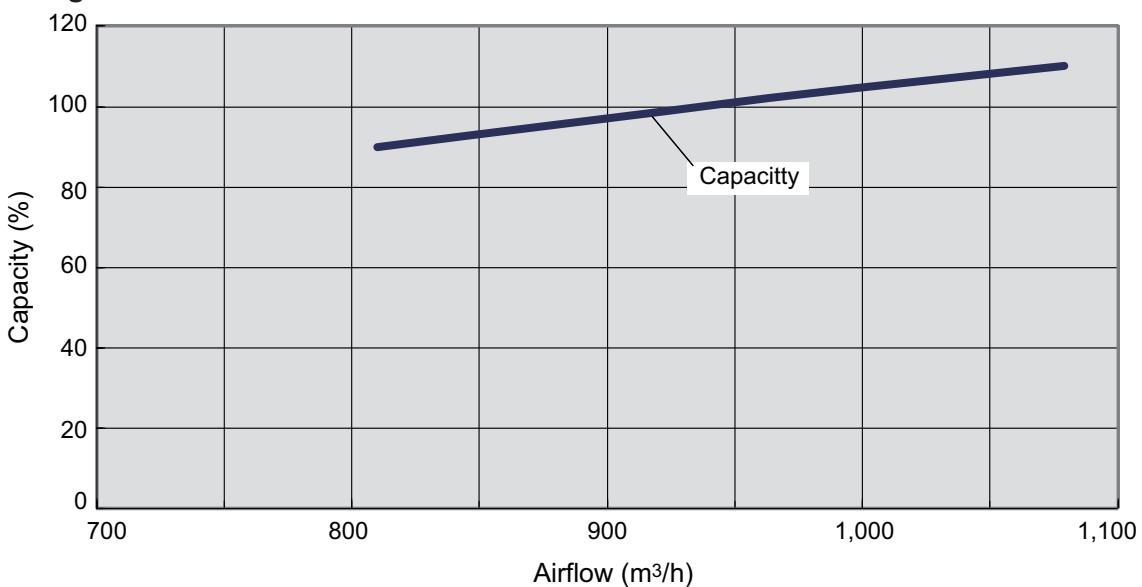
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

- Cooling



- Heating



## 7. Airflow

Conversion factor:

- $1 \text{ m}^3/\text{h} = 0.2778 \text{ l/s} = 0.5886 \text{ CFM}$
- $3.6 \text{ m}^3/\text{h} = 1 \text{ l/s}$
- $1.699 \text{ m}^3/\text{h} = 1 \text{ CFM}$

### 7-1. Compact cassette type

Model	Operation mode	Fan speed	Airflow		
			m <sup>3</sup> /h	l/s	CFM
AUYG07LVLA AUYG09LVLA	Cooling	High	540	150	318
		Med	490	136	288
		Low	440	122	259
		Quiet	390	108	230
	Heating	High	540	150	318
		Med	490	136	288
		Low	440	122	259
		Quiet	390	108	230
AUYG12LVLA AUYG12LVLB	Cooling	High	610	169	359
		Med	530	147	312
		Low	470	131	277
		Quiet	410	114	241
	Heating	High	610	169	359
		Med	530	147	312
		Low	470	131	277
		Quiet	410	114	241
AUYG14LVLA AUYG14LVLB	Cooling	High	680	189	400
		Med	580	161	341
		Low	490	136	288
		Quiet	410	114	241
	Heating	High	700	194	412
		Med	620	172	365
		Low	550	153	324
		Quiet	430	119	253
AUYG18LVLA AUYG18LVLB	Cooling	High	750	208	441
		Med	610	169	359
		Low	520	144	306
		Quiet	410	114	241
	Heating	High	800	222	471
		Med	710	197	418
		Low	600	167	353
		Quiet	450	125	265

## 7-2. Mini duct type

Model	Operation mode	Fan speed	Airflow		
			m <sup>3</sup> /h	l/s	CFM
ARYG07LSLAP	Cooling	High	550	153	324
		Med	440	122	259
		Low	390	108	230
		Quiet	360	100	212
	Heating	High	550	153	324
		Med	440	122	259
		Low	390	108	230
		Quiet	360	100	212
ARYG09LSLAP	Cooling	High	600	167	353
		Med	450	125	265
		Low	400	111	235
		Quiet	360	100	212
	Heating	High	600	167	353
		Med	450	125	265
		Low	400	111	235
		Quiet	360	100	212
ARYG12LSLAP	Cooling	High	650	181	383
		Med	490	136	288
		Low	430	119	253
		Quiet	360	100	212
	Heating	High	650	181	383
		Med	490	136	288
		Low	430	119	253
		Quiet	360	100	212
ARYG14LSLAP	Cooling	High	800	222	471
		Med	640	178	377
		Low	530	147	312
		Quiet	360	100	212
	Heating	High	800	222	471
		Med	640	178	377
		Low	530	147	312
		Quiet	360	100	212
ARYG18LSLAP	Cooling	High	940	261	553
		Med	750	208	441
		Low	540	150	318
		Quiet	480	133	282
	Heating	High	940	261	553
		Med	750	208	441
		Low	540	150	318
		Quiet	480	133	282

### 7-3. Slim duct type

Model	Operation mode	Fan speed	Airflow		
			m <sup>3</sup> /h	l/s	CFM
ARYG07LLTA	Cooling	High	550	153	324
		Med	490	136	288
		Low	470	131	277
		Quiet	440	122	259
	Heating	High	550	153	324
		Med	490	136	288
		Low	470	131	277
		Quiet	440	122	259
ARYG09LLTA	Cooling	High	600	167	353
		Med	550	153	324
		Low	500	139	294
		Quiet	450	125	265
	Heating	High	600	167	353
		Med	550	153	324
		Low	500	139	294
		Quiet	450	125	265
ARYG12LLTA ARYG12LLTB	Cooling	High	650	181	383
		Med	600	167	353
		Low	550	153	324
		Quiet	480	133	283
	Heating	High	650	181	383
		Med	600	167	353
		Low	550	153	324
		Quiet	480	133	283
ARYG14LLTA ARYG14LLTB	Cooling	High	800	222	471
		Med	700	194	412
		Low	600	167	353
		Quiet	480	133	283
	Heating	High	800	222	471
		Med	700	194	412
		Low	600	167	353
		Quiet	480	133	283
ARYG18LLTA ARYG18LLTB	Cooling	High	940	261	553
		Med	880	244	518
		Low	820	227	483
		Quiet	750	208	441
	Heating	High	940	261	553
		Med	880	244	518
		Low	820	227	483
		Quiet	750	208	441

## 7-4. Wall mounted type

Model	Operation mode	Fan speed	Airflow		
			m <sup>3</sup> /h	l/s	CFM
ASYG07LJCA	Cooling	High	560	156	330
		Med	500	139	294
		Low	430	119	253
		Quiet	310	86	182
	Heating	High	560	156	330
		Med	500	139	294
		Low	430	119	253
		Quiet	330	92	194
ASYG09LJCA	Cooling	High	600	167	353
		Med	520	144	306
		Low	430	119	253
		Quiet	310	86	182
	Heating	High	600	167	353
		Med	520	144	306
		Low	430	119	253
		Quiet	330	92	194
ASYG12LJCA	Cooling	High	660	183	388
		Med	560	156	330
		Low	450	125	265
		Quiet	310	86	182
	Heating	High	660	183	388
		Med	560	156	330
		Low	470	131	277
		Quiet	330	92	194
ASYG07LUCA	Cooling	High	570	158	335
		Med	520	144	306
		Low	470	131	276
		Quiet	330	92	194
	Heating	High	570	158	335
		Med	520	144	306
		Low	470	131	276
		Quiet	330	92	194
ASYG09LUCA	Cooling	High	600	167	353
		Med	550	153	324
		Low	470	131	276
		Quiet	330	92	194
	Heating	High	600	167	353
		Med	550	153	324
		Low	470	131	276
		Quiet	330	92	194
ASYG12LUCA	Cooling	High	660	183	388
		Med	600	167	353
		Low	530	147	312
		Quiet	330	92	194
	Heating	High	660	183	388
		Med	600	167	353
		Low	530	147	312
		Quiet	330	92	194

Model	Operation mode	Fan speed	Airflow		
			m <sup>3</sup> /h	l/s	CFM
ASYG14LUCA	Cooling	High	710	197	418
		Med	640	178	376
		Low	570	158	335
		Quiet	390	108	229
	Heating	High	710	197	418
		Med	640	178	376
		Low	590	164	347
		Quiet	430	119	253
ASYG07LMCA ASYG07LMCE	Cooling	High	560	156	330
		Med	500	139	294
		Low	430	119	253
		Quiet	310	86	182
	Heating	High	560	156	330
		Med	500	139	294
		Low	430	119	253
		Quiet	330	92	194
ASYG09LMCA ASYG09LMCE	Cooling	High	600	167	353
		Med	520	144	306
		Low	430	119	253
		Quiet	310	86	182
	Heating	High	600	167	353
		Med	520	144	306
		Low	430	119	253
		Quiet	330	92	194
ASYG12LMCA ASYG12LMCE	Cooling	High	660	183	388
		Med	560	156	330
		Low	450	125	265
		Quiet	310	86	182
	Heating	High	660	183	388
		Med	560	156	330
		Low	470	131	277
		Quiet	330	92	194
ASYG14LMCA ASYG14LMCE	Cooling	High	730	203	430
		Med	600	167	353
		Low	530	147	312
		Quiet	360	100	212
	Heating	High	730	203	430
		Med	615	171	362
		Low	560	156	330
		Quiet	375	104	221
ASYG18LFCA	Cooling	High	900	250	530
		Med	740	206	436
		Low	620	172	365
		Quiet	550	153	324
	Heating	High	900	250	530
		Med	740	206	436
		Low	620	172	365
		Quiet	550	153	324

Model	Operation mode	Fan speed	Airflow		
			m <sup>3</sup> /h	l/s	CFM
ASYG24LFCA ASYG24LFCC	Cooling	High	1,120	311	659
		Med	900	250	530
		Low	740	206	436
		Quiet	620	172	365
	Heating	High	1,100	306	647
		Med	900	250	530
		Low	740	206	436
		Quiet	620	172	365

## 7-5. Floor/Ceiling type

Model	Operation mode	Fan speed	Airflow		
			m <sup>3</sup> /h	l/s	CFM
ABYG14LVTA	Cooling	High	640	178	377
		Med	590	164	347
		Low	540	150	318
		Quiet	480	133	283
	Heating	High	640	178	377
		Med	590	164	347
		Low	540	150	318
		Quiet	480	133	283
ABYG18LVTA ABYG18LVTB	Cooling	High	780	217	459
		Med	700	194	412
		Low	560	156	330
		Quiet	500	139	294
	Heating	High	780	217	459
		Med	700	194	412
		Low	560	156	330
		Quiet	500	139	294

## 7-6. Floor type

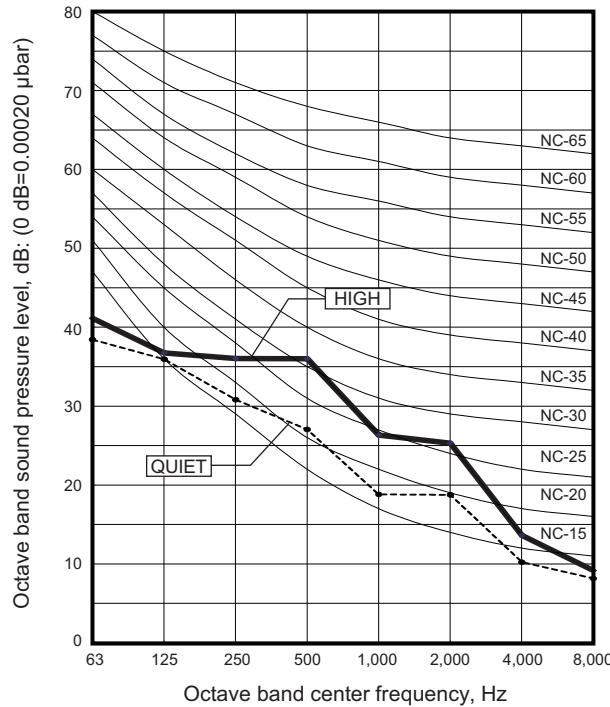
Model	Operation mode	Fan speed	Airflow		
			m <sup>3</sup> /h	l/s	CFM
AGYG09LVCA	Cooling	High	530	147	312
		Med	440	122	259
		Low	360	100	212
		Quiet	270	75	159
	Heating	High	530	147	312
		Med	460	128	270
		Low	380	106	224
		Quiet	270	75	159
AGYG12LVCA	Cooling	High	600	167	353
		Med	490	136	288
		Low	380	106	224
		Quiet	270	75	159
	Heating	High	600	167	353
		Med	510	142	300
		Low	410	114	241
		Quiet	270	75	159
AGYG14LVCA	Cooling	High	650	181	383
		Med	520	144	306
		Low	400	111	235
		Quiet	270	75	159
	Heating	High	650	181	383
		Med	540	150	318
		Low	430	119	253
		Quiet	270	75	159

## 8. Noise level curve

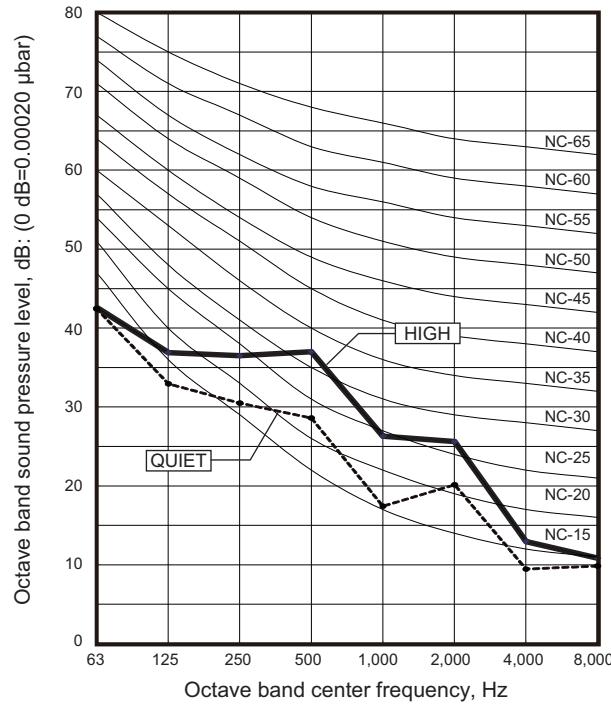
### 8-1. Compact cassette type

#### ■ Model: AUYG07LVLA

##### ● Cooling

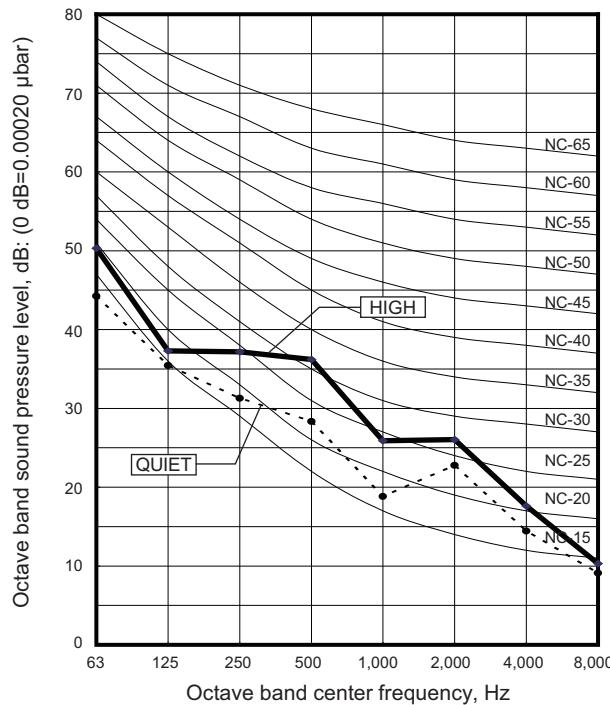


##### ● Heating

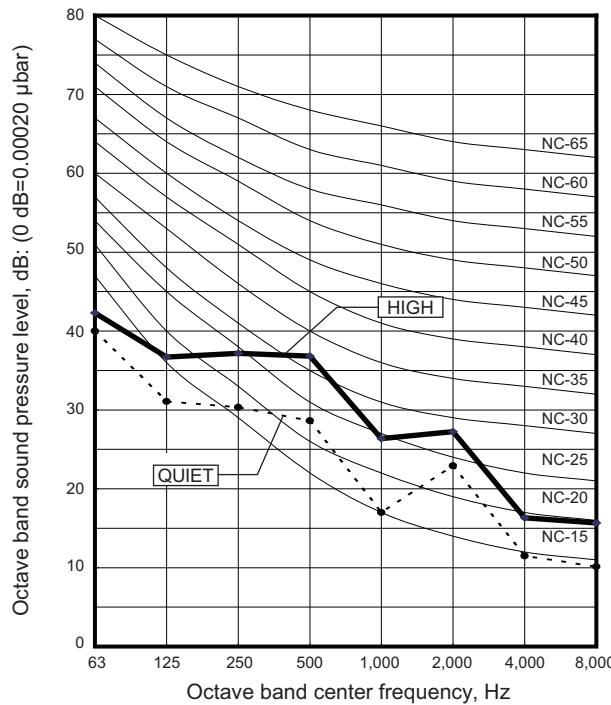


#### ■ Model: AUYG09LVLA

##### ● Cooling

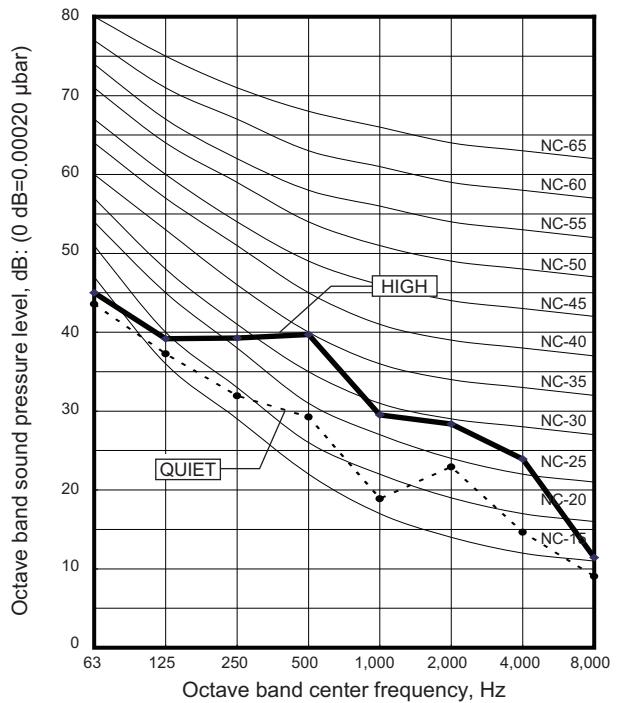


##### ● Heating

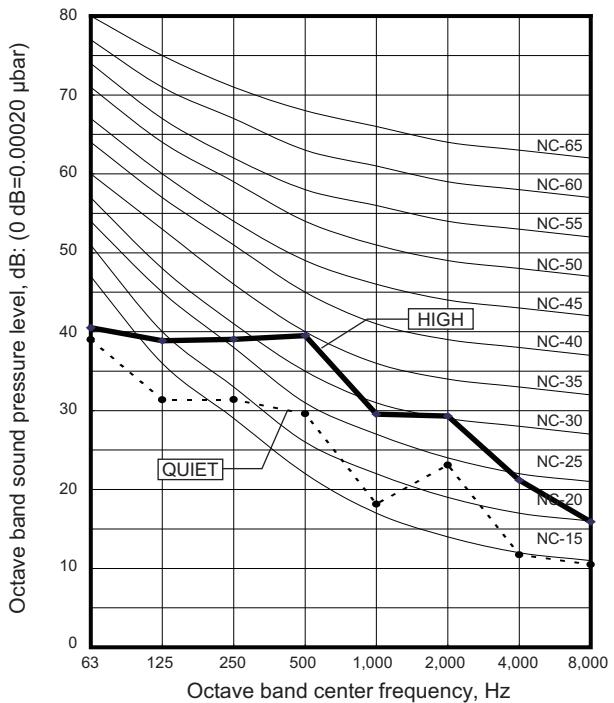


## ■ Models: AUYG12LVLA and AUYG12LVLB

### ● Cooling

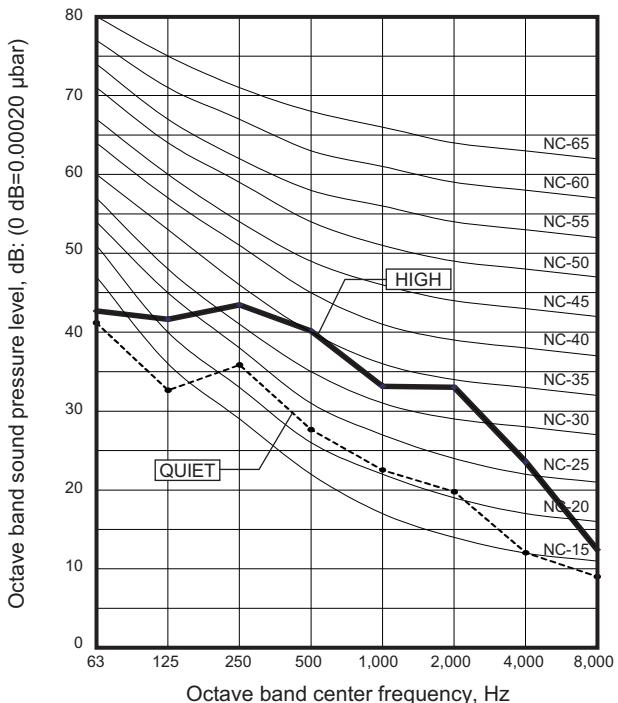


### ● Heating

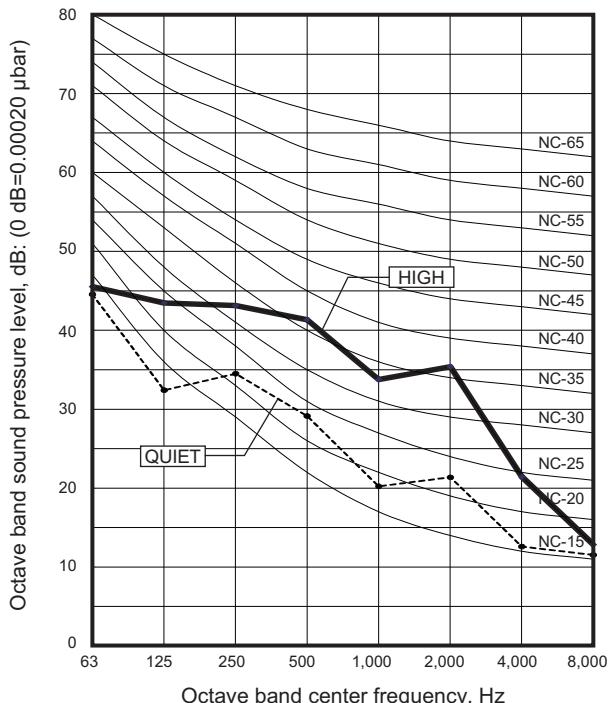


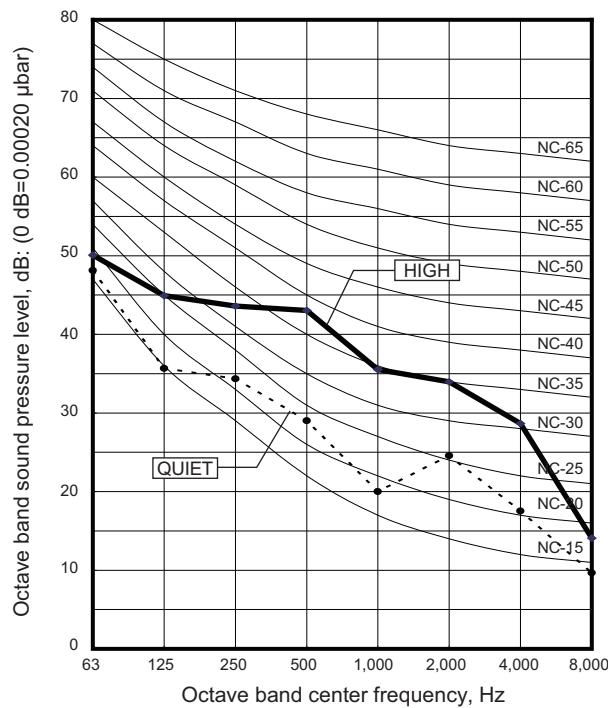
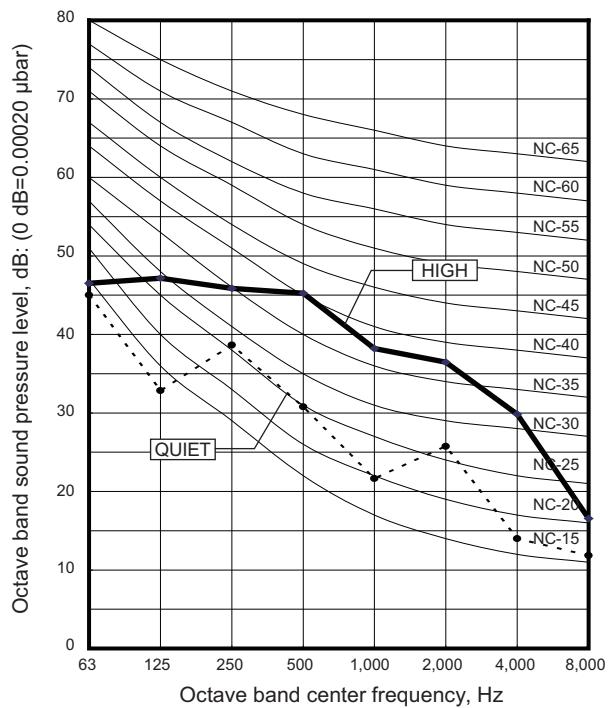
## ■ Models: AUYG14LVLA and AUYG14LVLB

### ● Cooling



### ● Heating

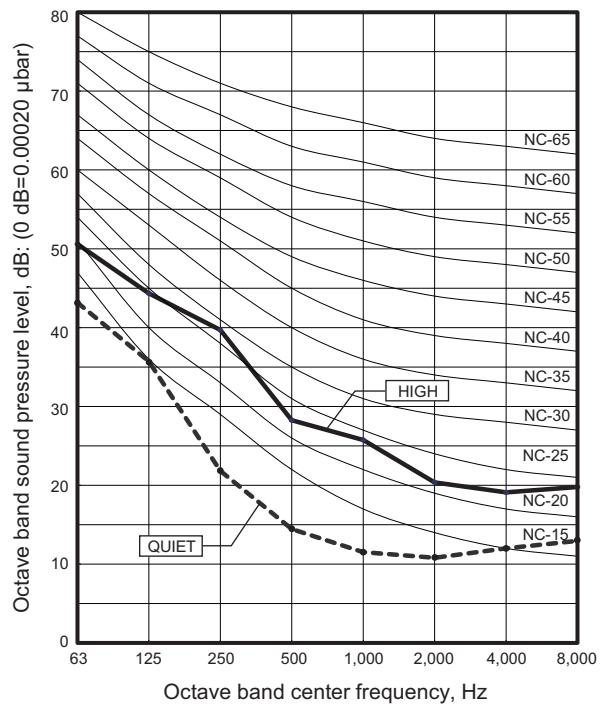


**■ Models: AUYG18LVLA and AUYG18LVLB****● Cooling****● Heating**

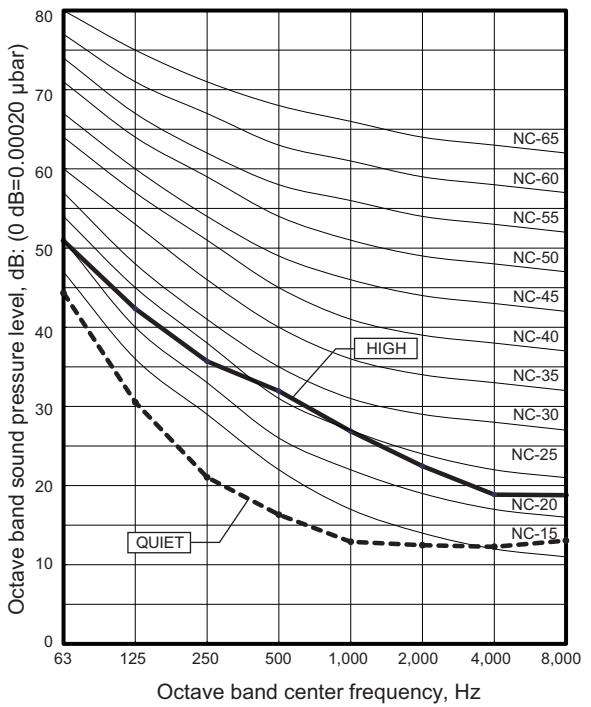
## 8-2. Mini duct type

### ■ Model: ARYG07LSLAP

#### ● Cooling

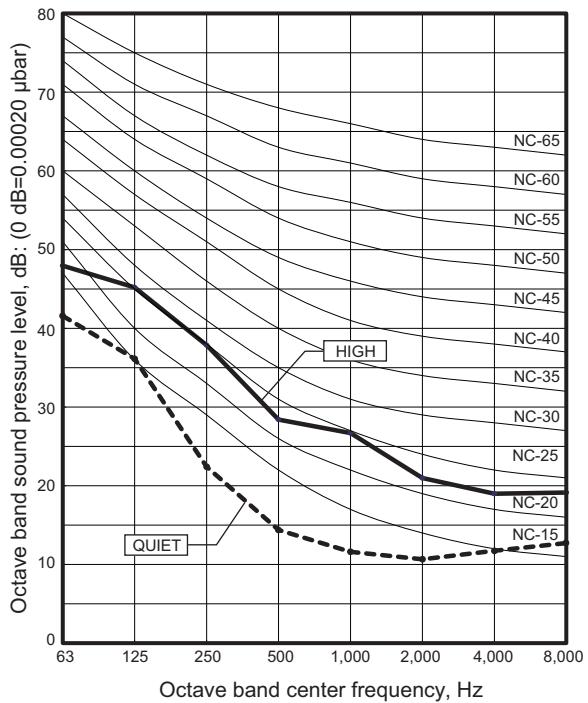


#### ● Heating

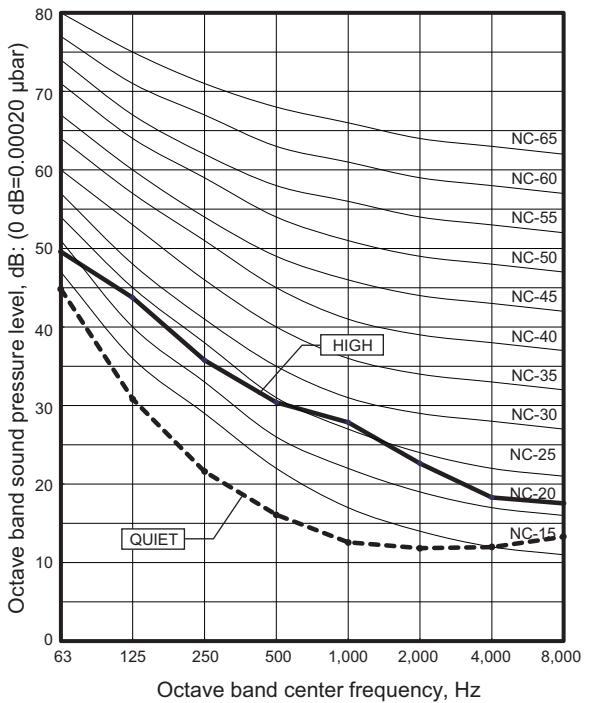


### ■ Model: ARYG09LSLAP

#### ● Cooling

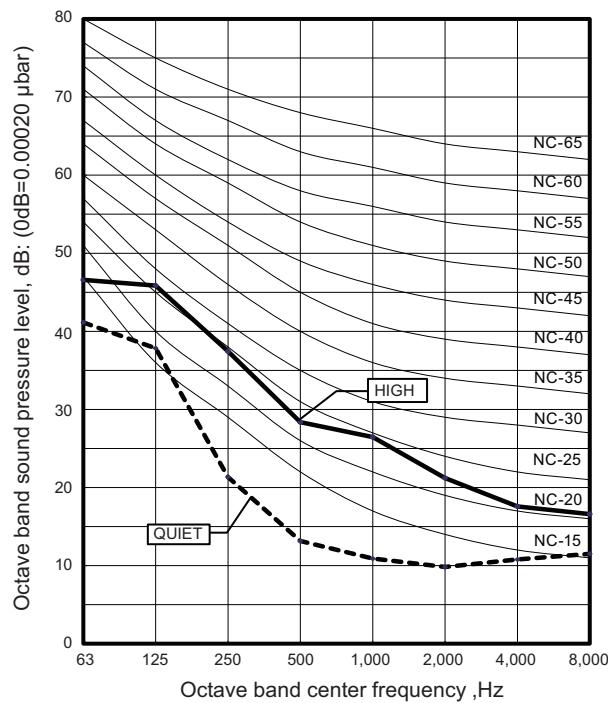


#### ● Heating

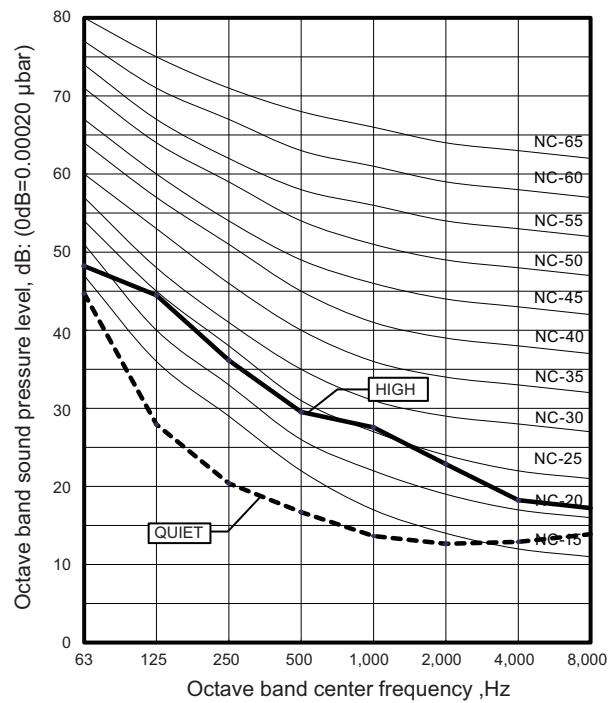


## ■ Model: ARYG12LSLAP

### ● Cooling

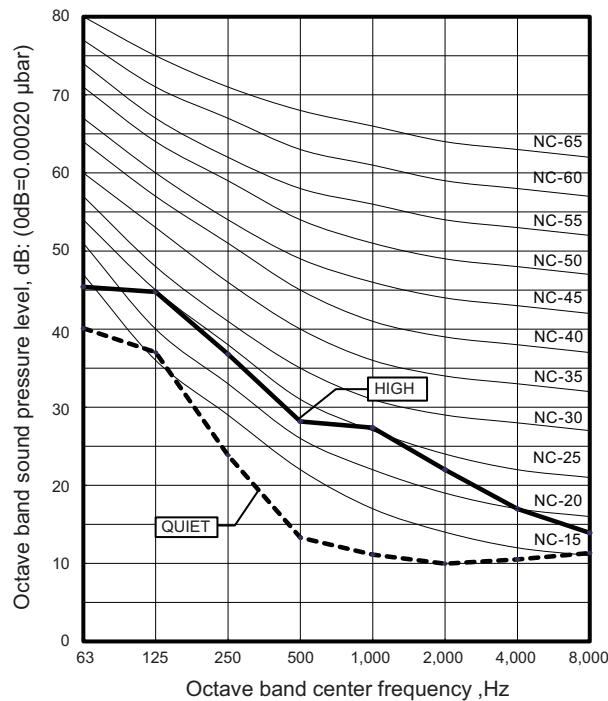


### ● Heating

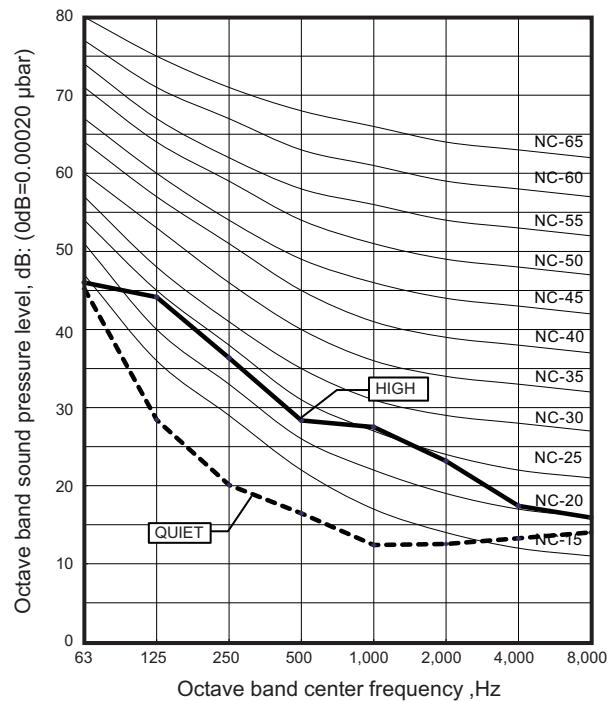


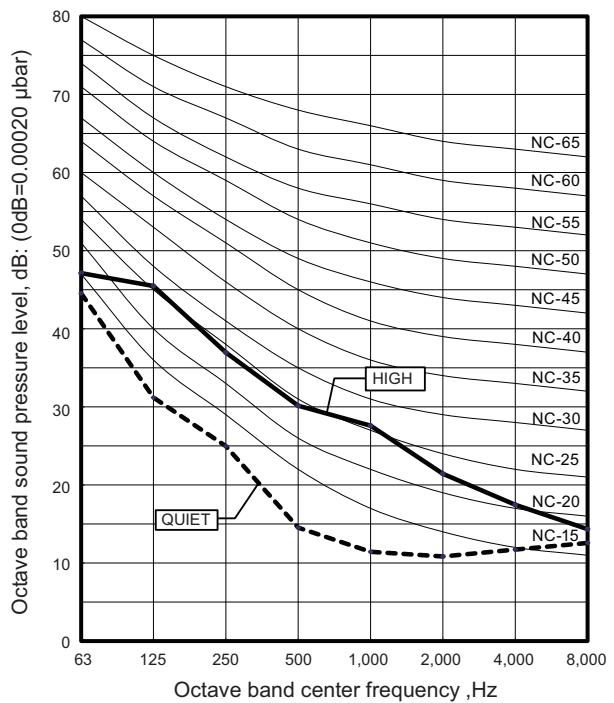
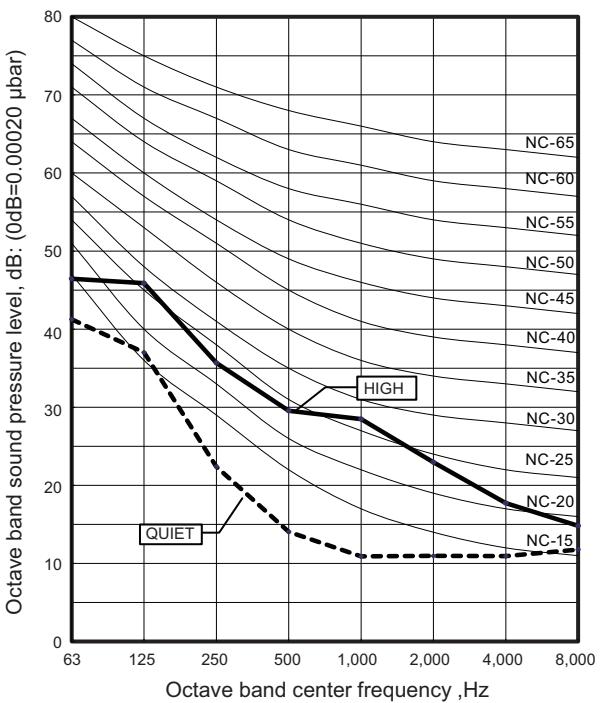
## ■ Model: ARYG14LSLAP

### ● Cooling



### ● Heating

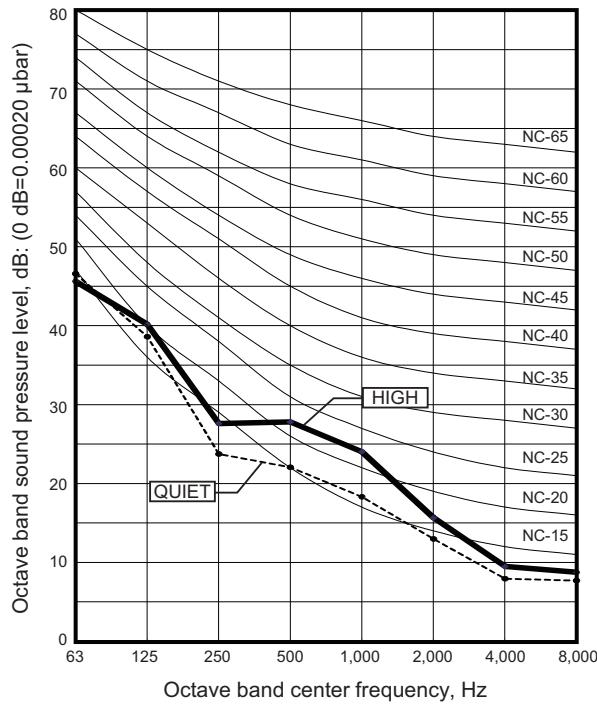


**■ Model: ARYG18LSLAP****● Cooling****● Heating**

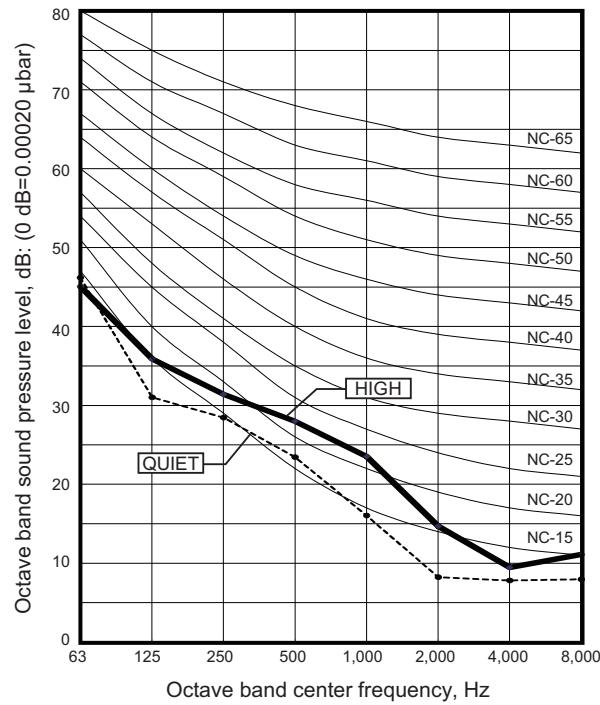
## 8-3. Slim duct type

### ■ Model: ARYG07LLTA

#### ● Cooling

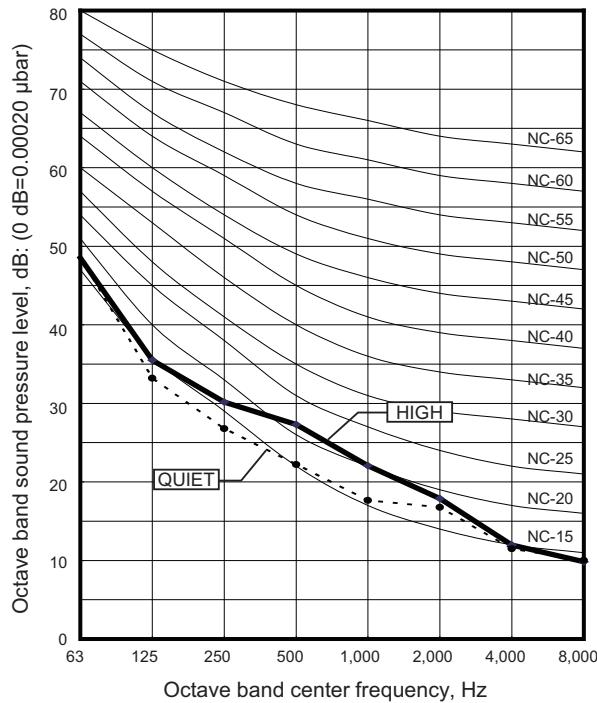


#### ● Heating

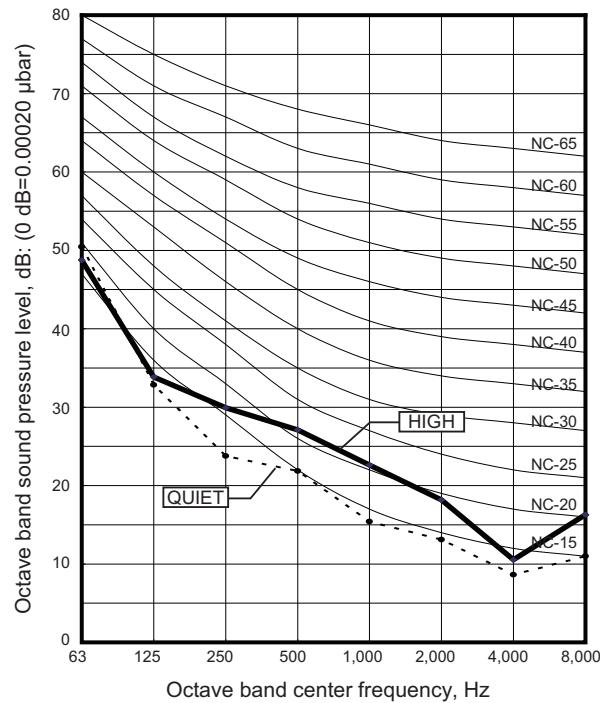


### ■ Model: ARYG09LLTA

#### ● Cooling

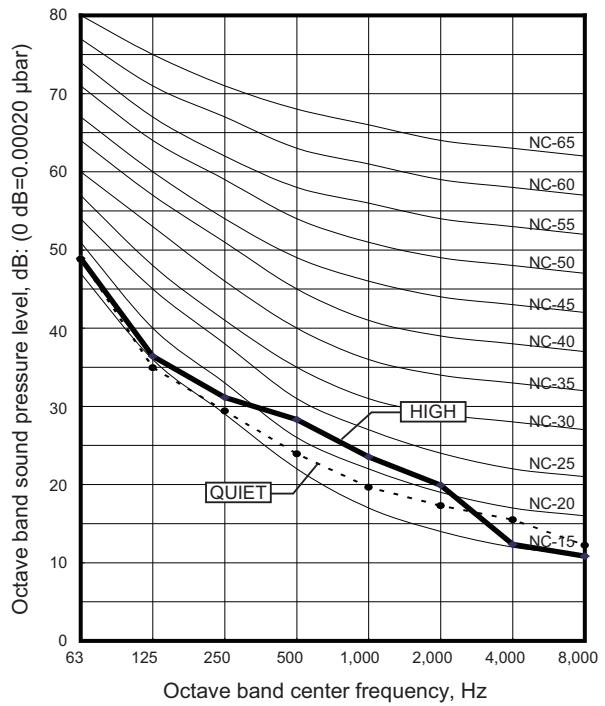


#### ● Heating

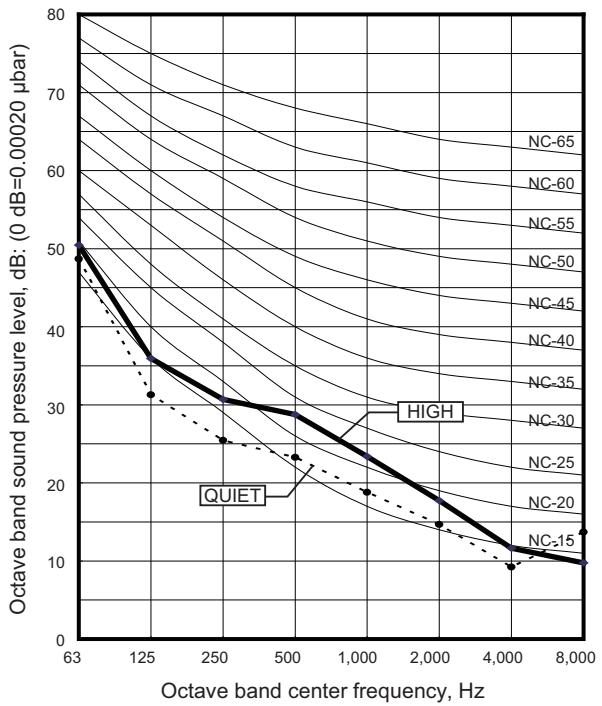


## ■ Models: ARYG12LLTA and ARYG12LLTB

### ● Cooling

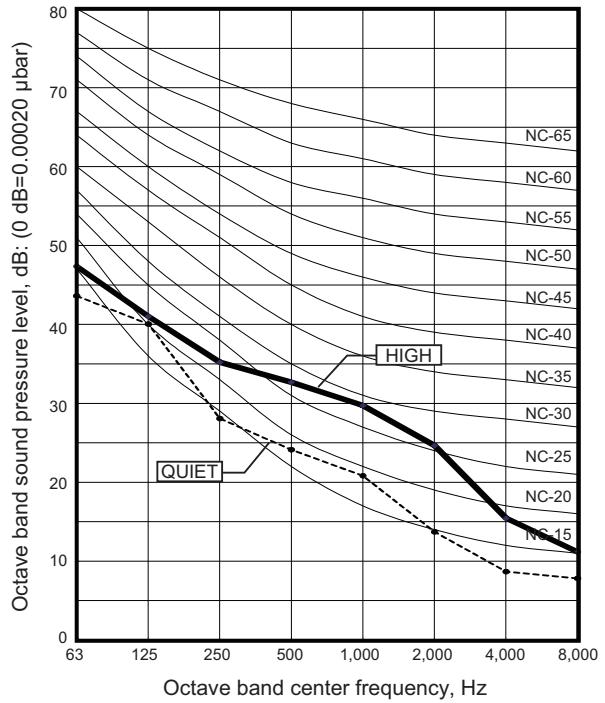


### ● Heating

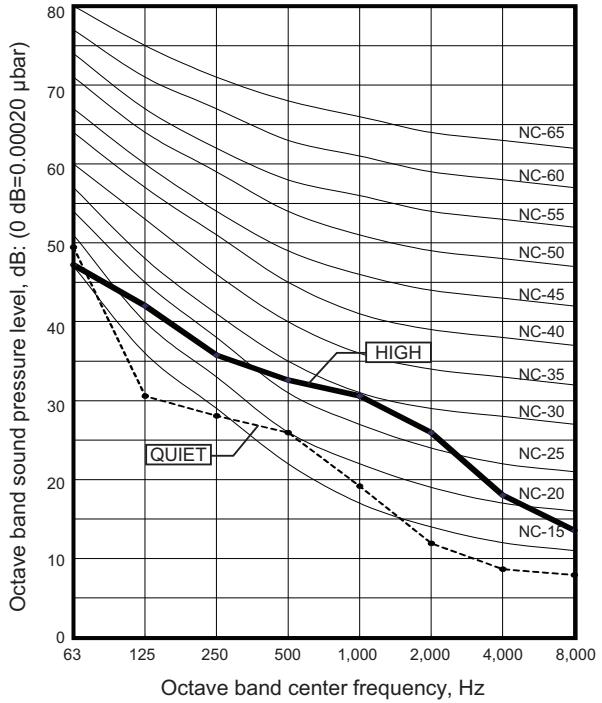


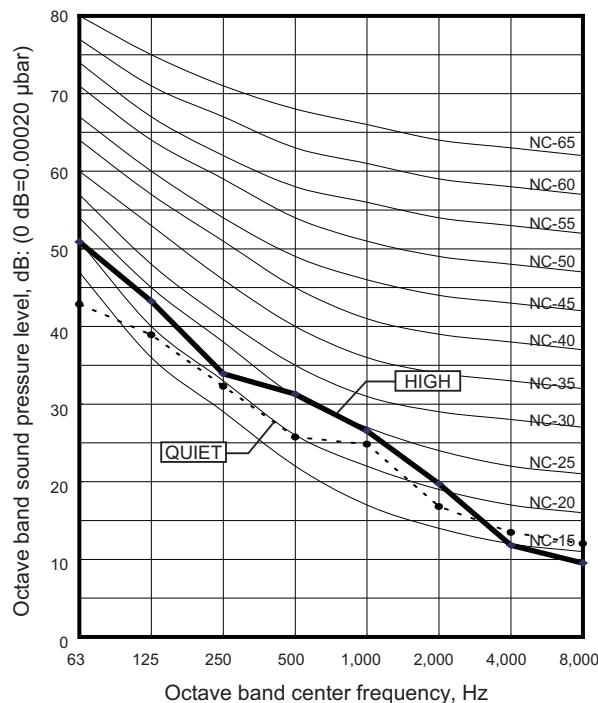
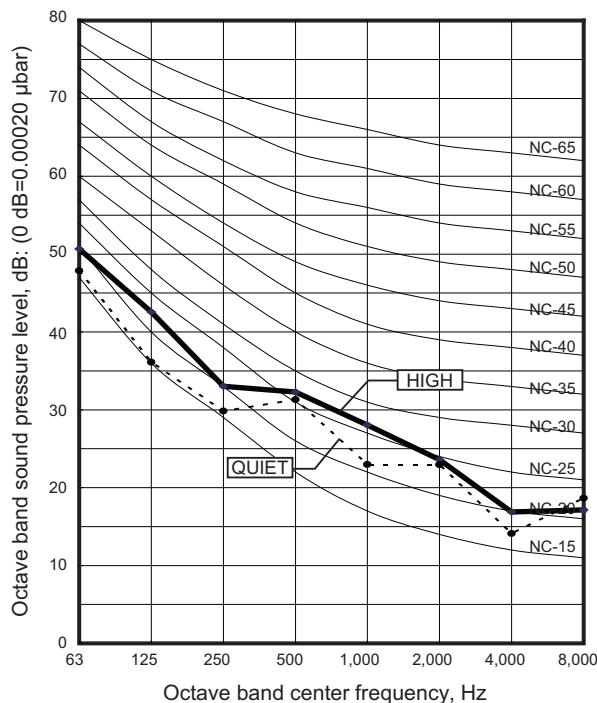
## ■ Models: ARYG14LLTA and ARYG14LLTB

### ● Cooling



### ● Heating

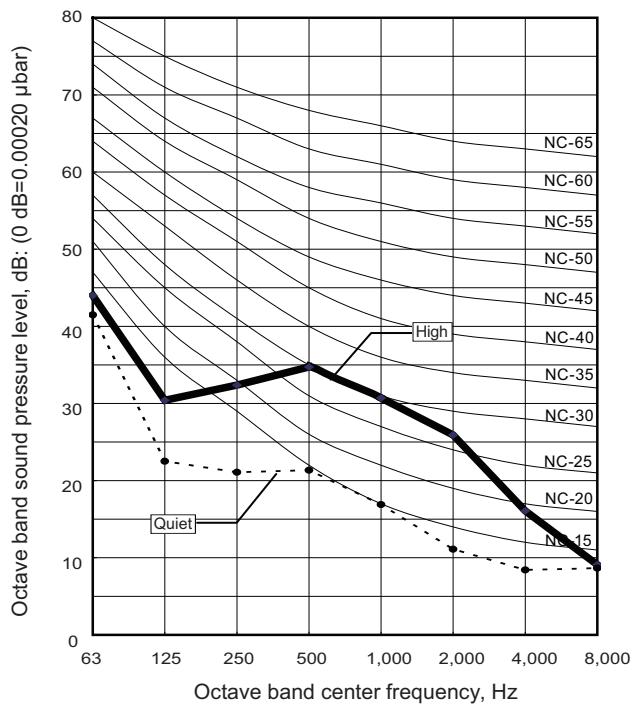


**■ Models: ARYG18LLTA and ARYG18LLTB****● Cooling****● Heating**

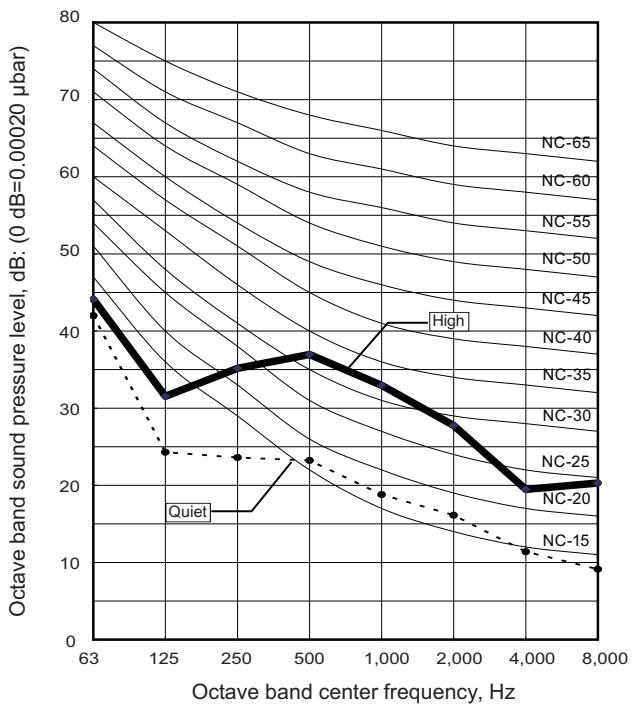
## 8-4. Wall mounted type

### ■ Model: ASYG07LJCA

#### ● Cooling

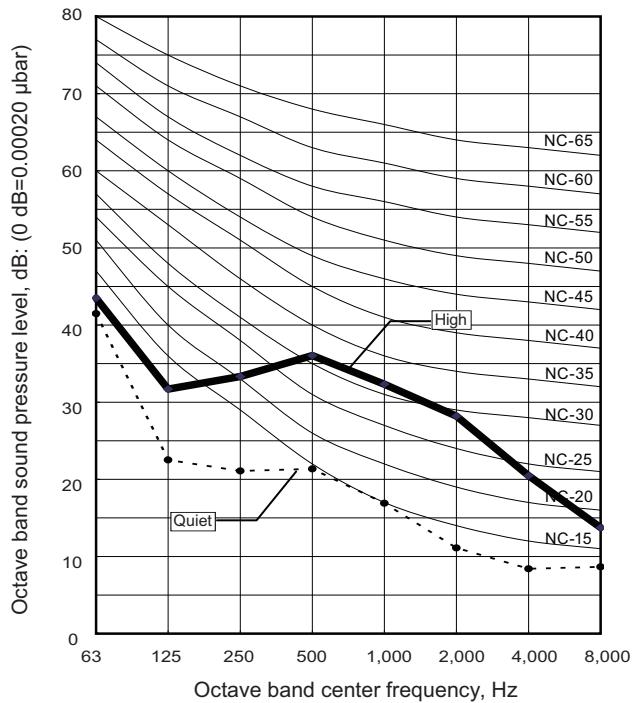


#### ● Heating

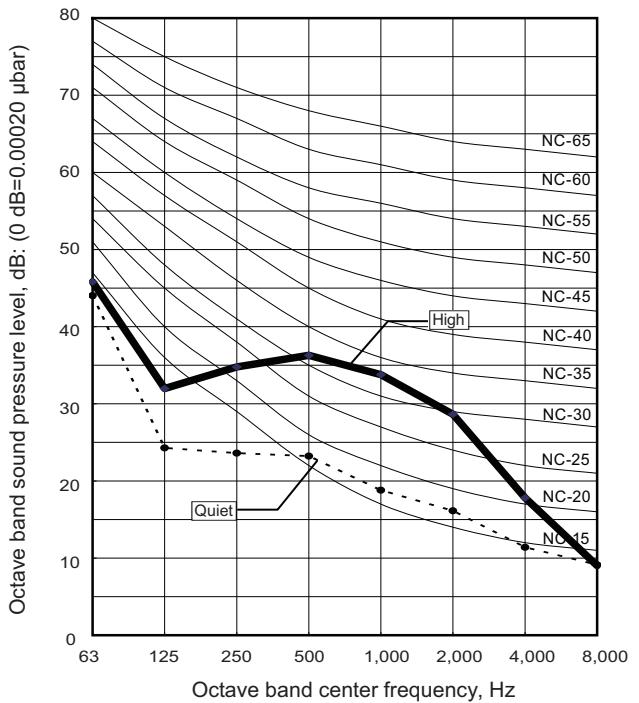


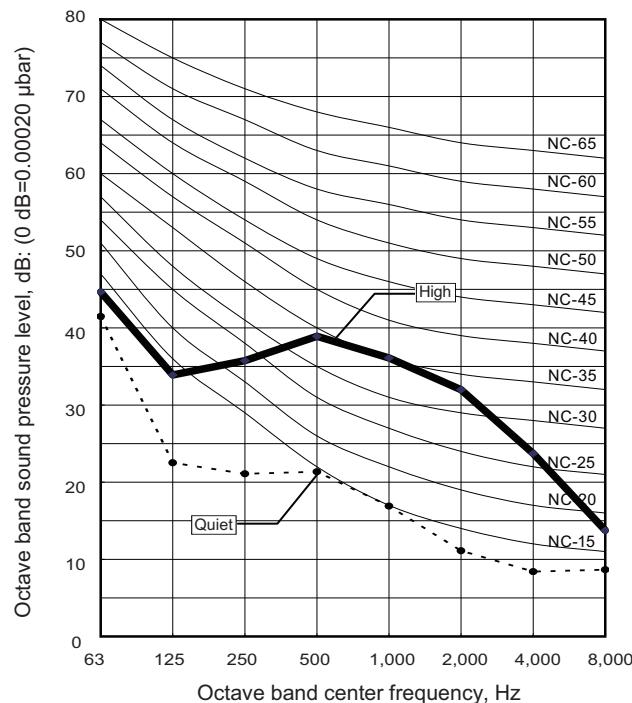
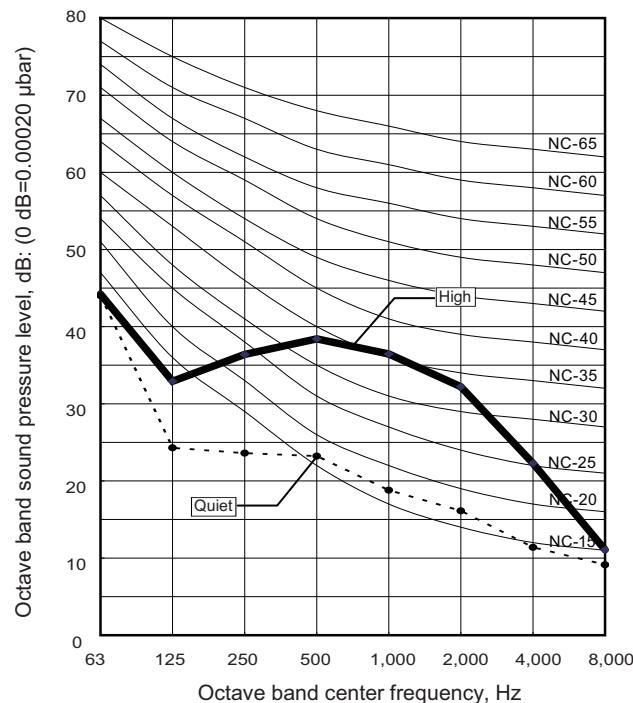
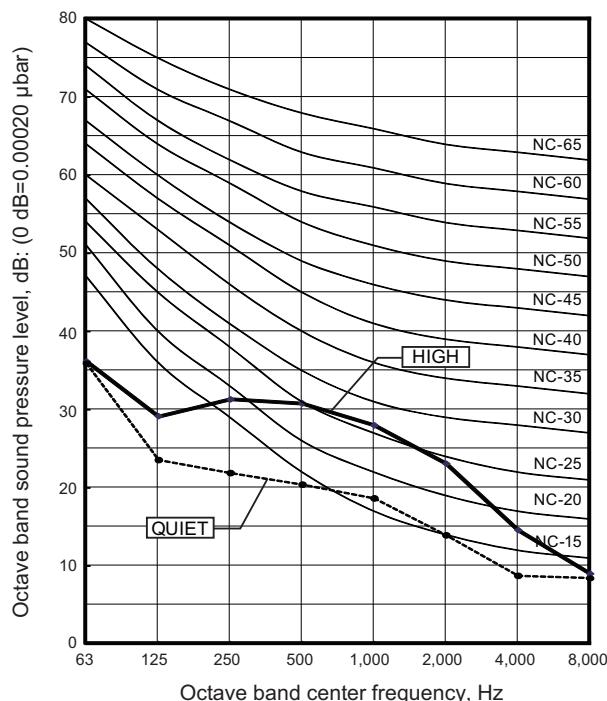
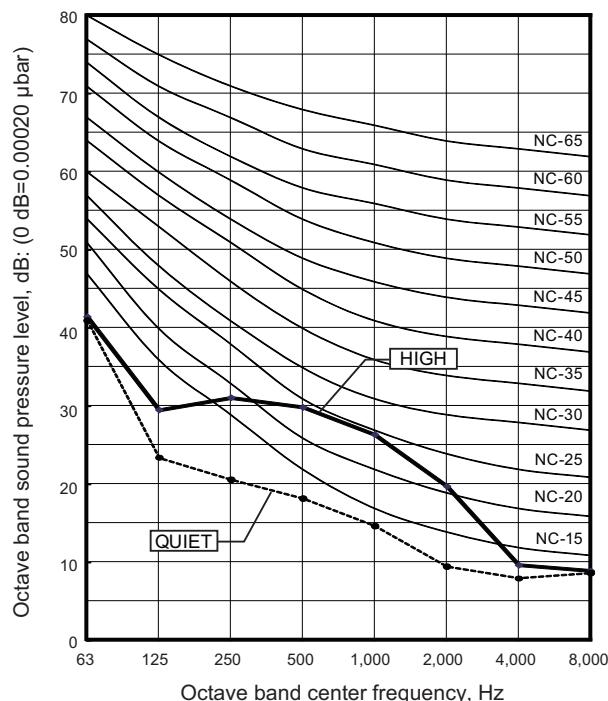
### ■ Model: ASYG09LJCA

#### ● Cooling



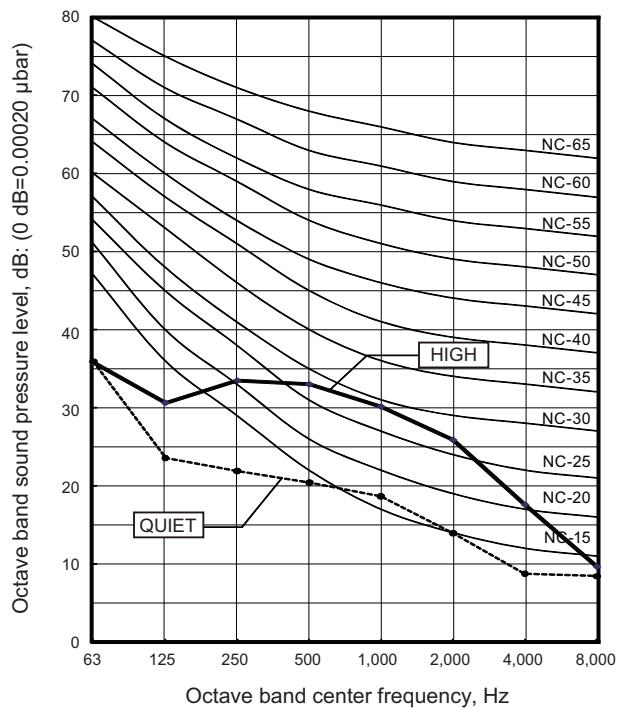
#### ● Heating



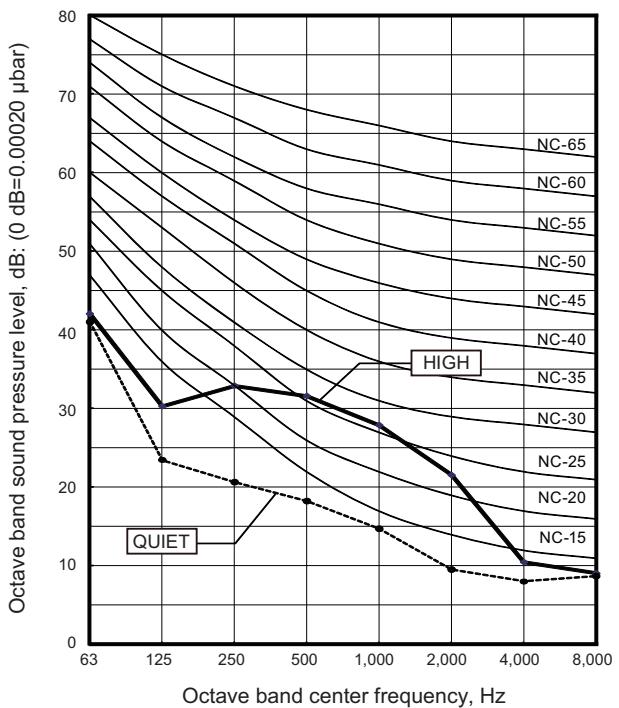
**■ Model: ASYG12LJCA****● Cooling****● Heating****■ Model: ASYG07LUCA****● Cooling****● Heating**

## ■ Model: ASYG09LUCA

### ● Cooling

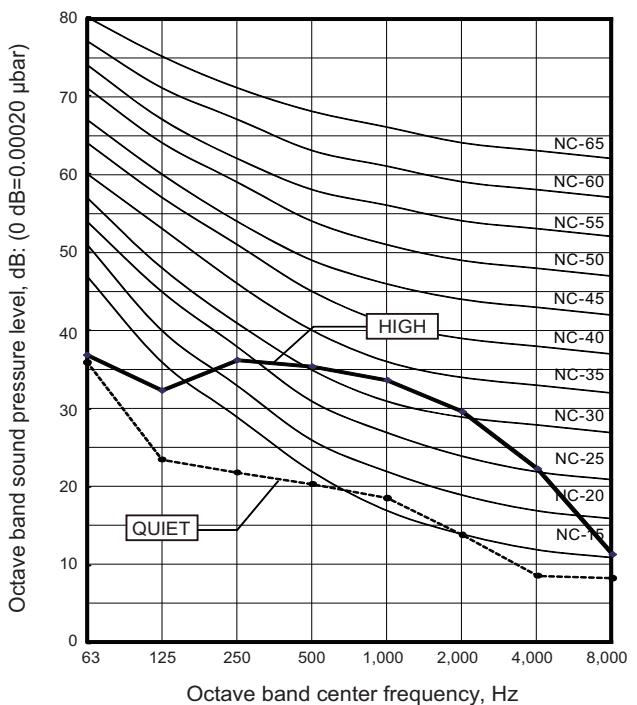


### ● Heating

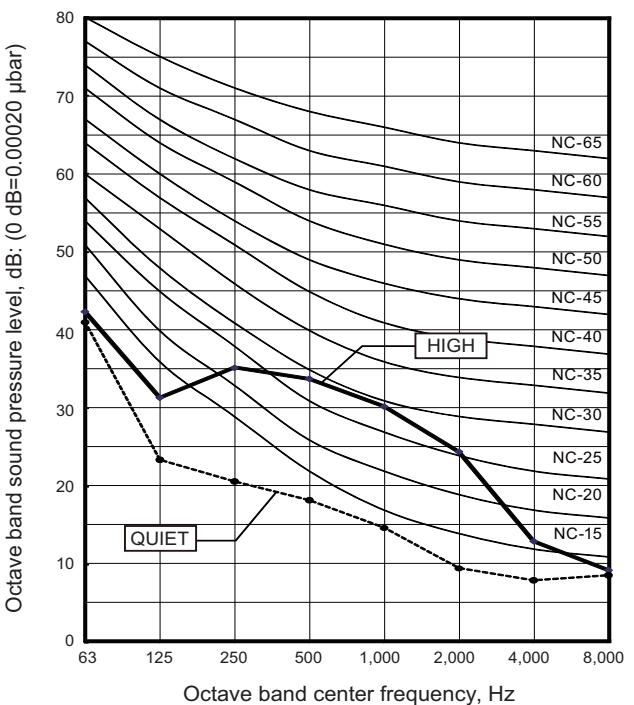


## ■ Model: ASYG12LUCA

### ● Cooling

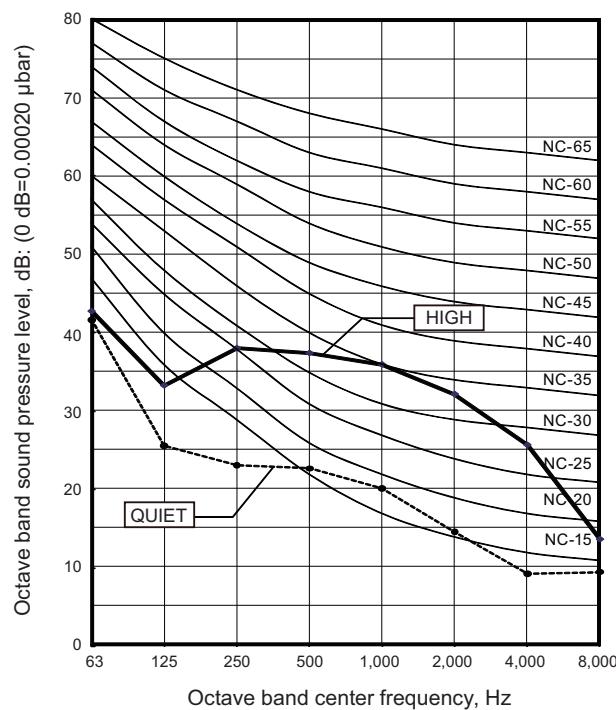


### ● Heating

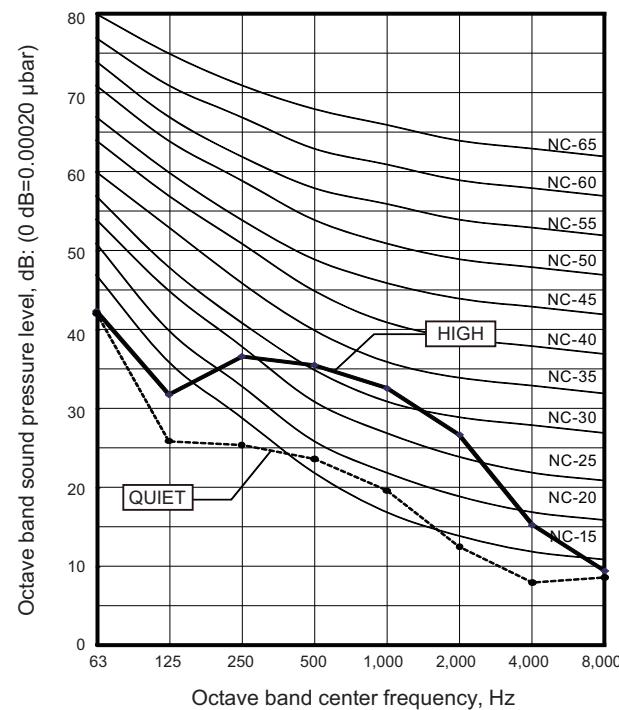


## ■ Model: ASYG14LUCA

### ● Cooling

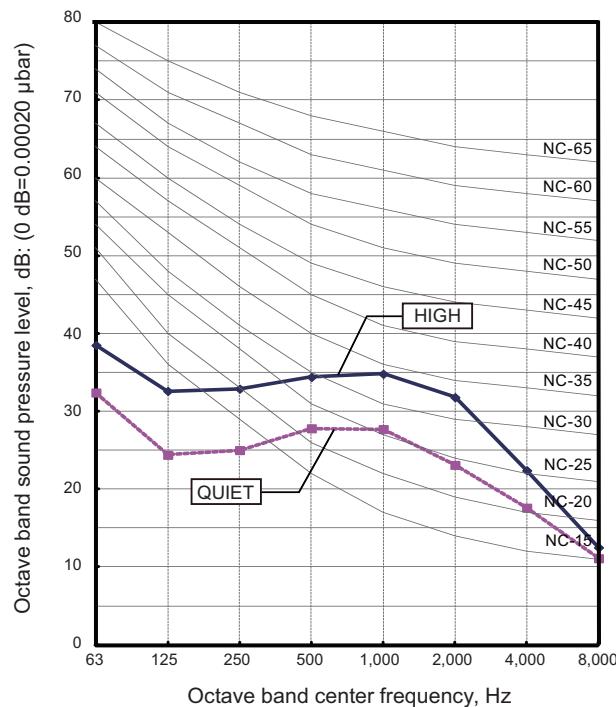


### ● Heating

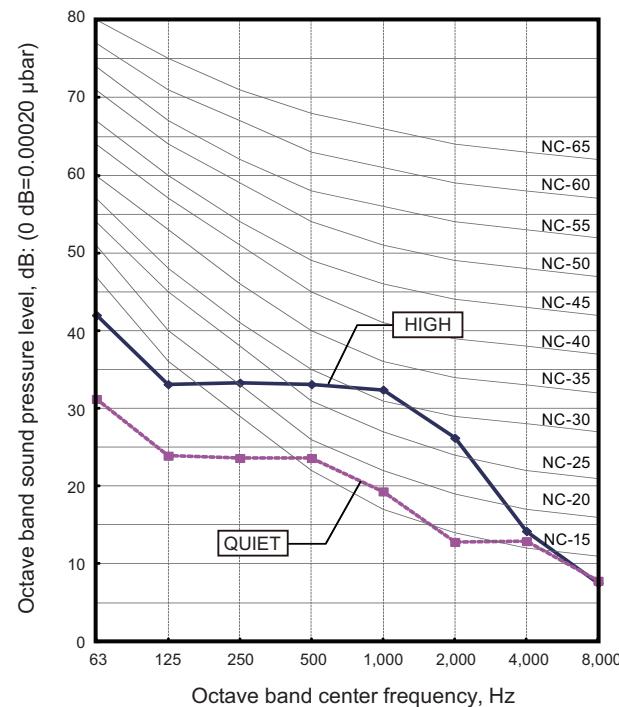


## ■ Models: ASYG07LMCA and ASYG07LMCE

### ● Cooling

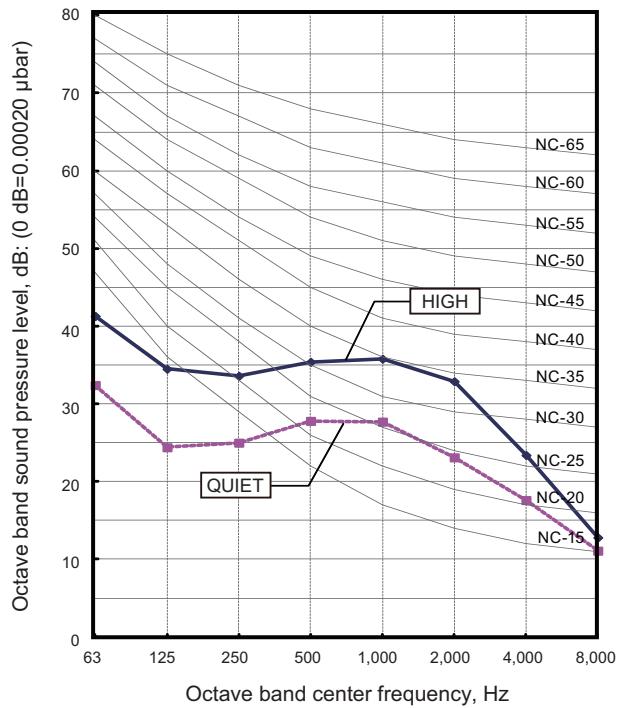


### ● Heating

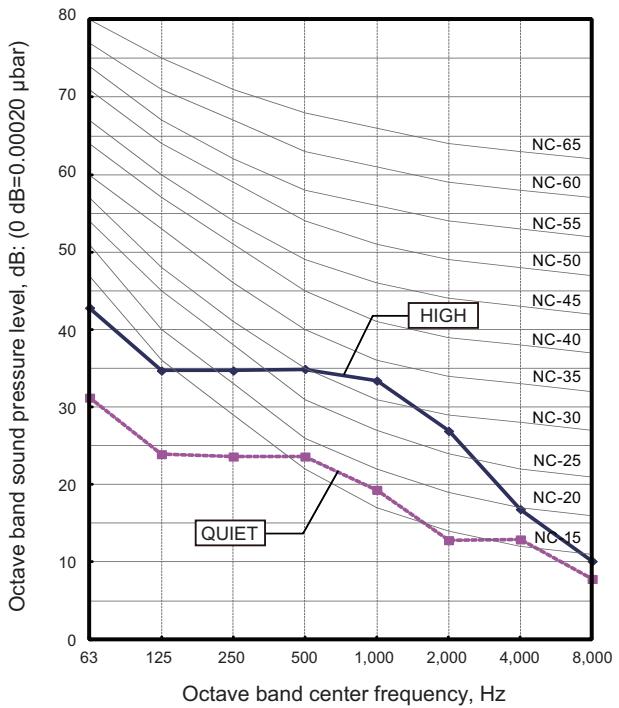


## ■ Models: ASYG09LMCA and ASYG09LMCE

### ● Cooling

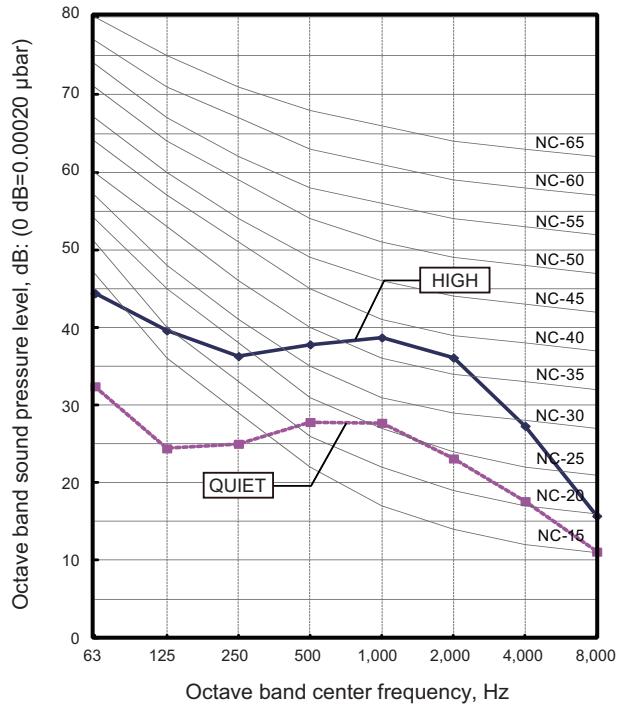


### ● Heating

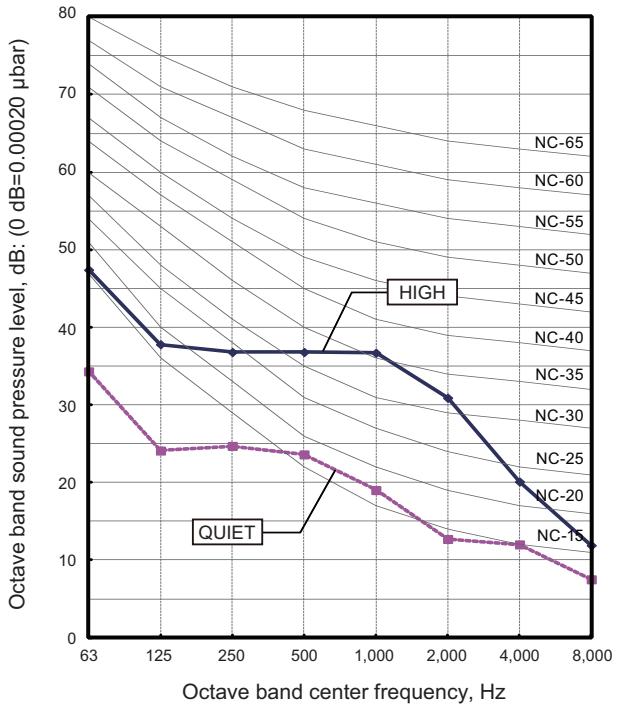


## ■ Models: ASYG12LMCA and ASYG12LMCE

### ● Cooling

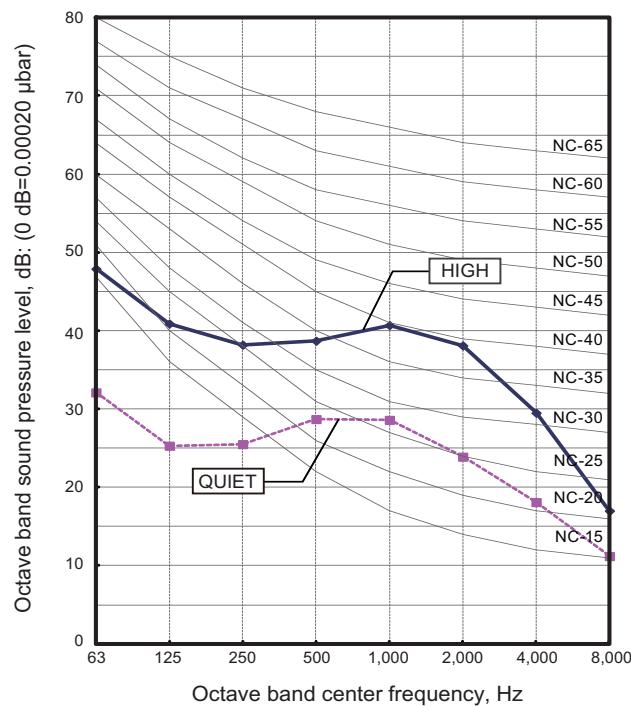


### ● Heating

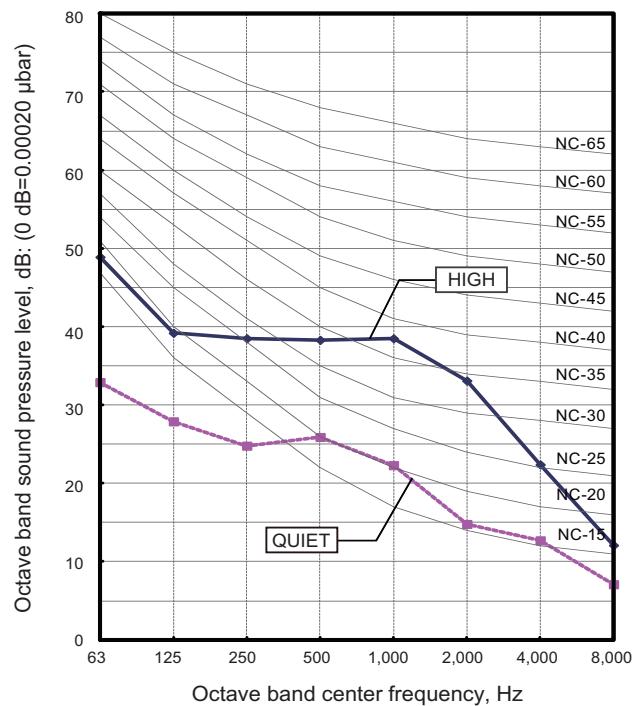


## ■ Models: ASYG14LMCA and ASYG14LMCE

### ● Cooling

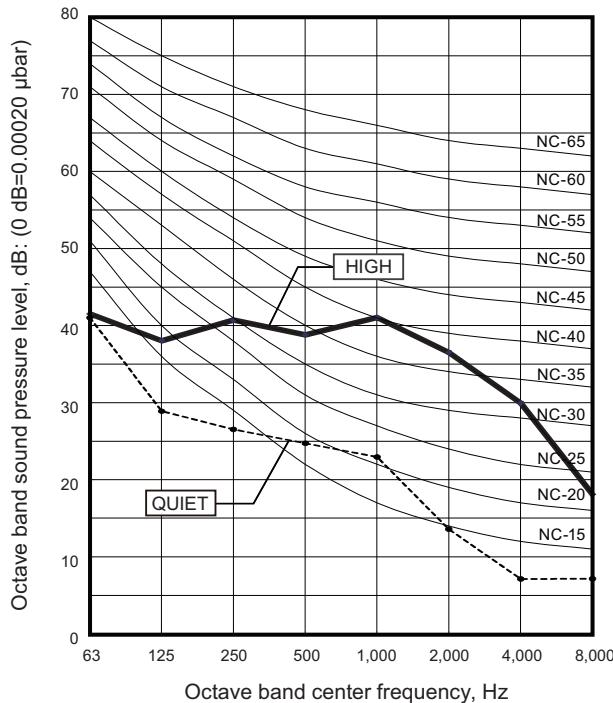


### ● Heating

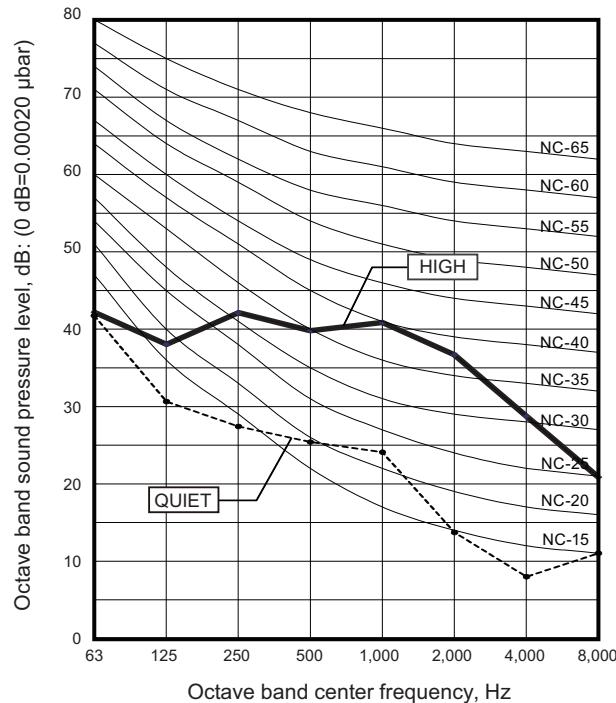


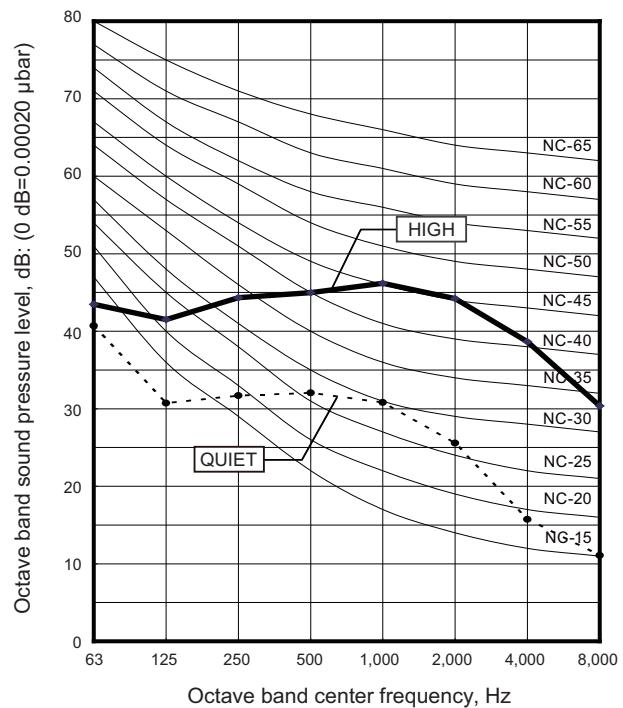
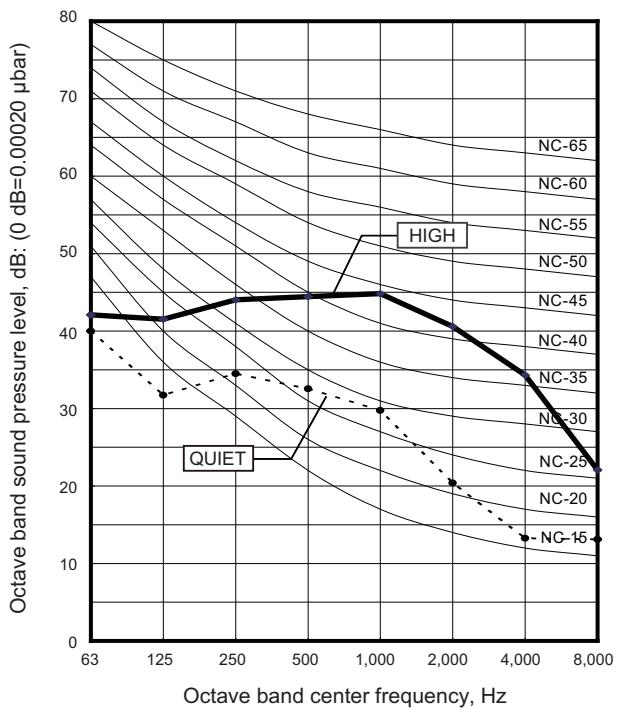
## ■ Model: ASYG18LFCA

### ● Cooling



### ● Heating

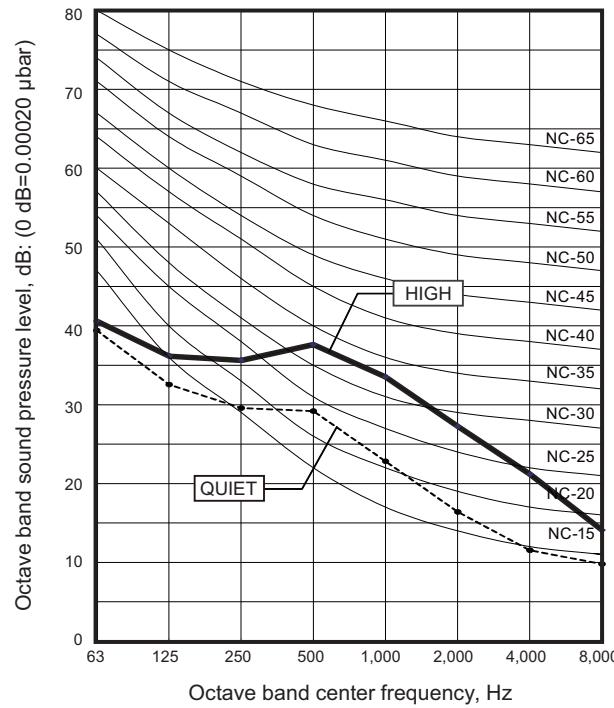


**■ Models: ASYG24LFCA and ASYG24LFCC****● Cooling****● Heating**

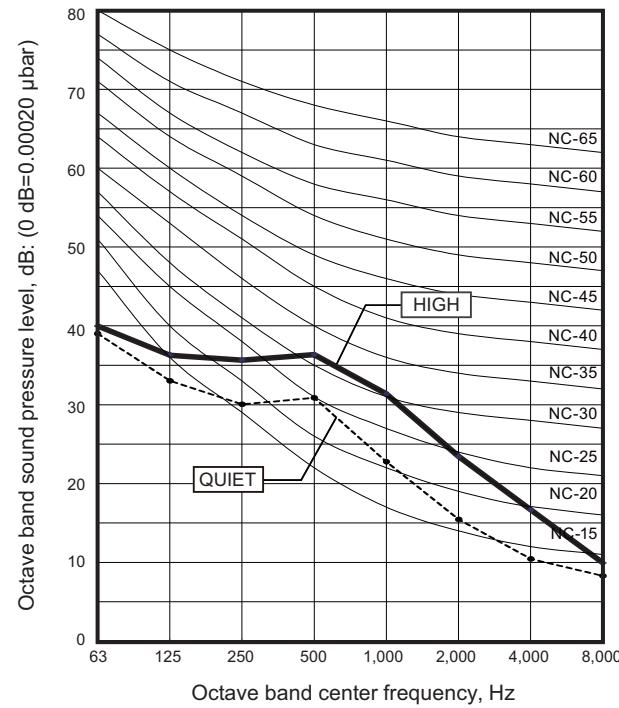
## 8-5. Floor/Ceiling type

### ■ Model: ABYG14LVTA (Under ceiling)

#### ● Cooling

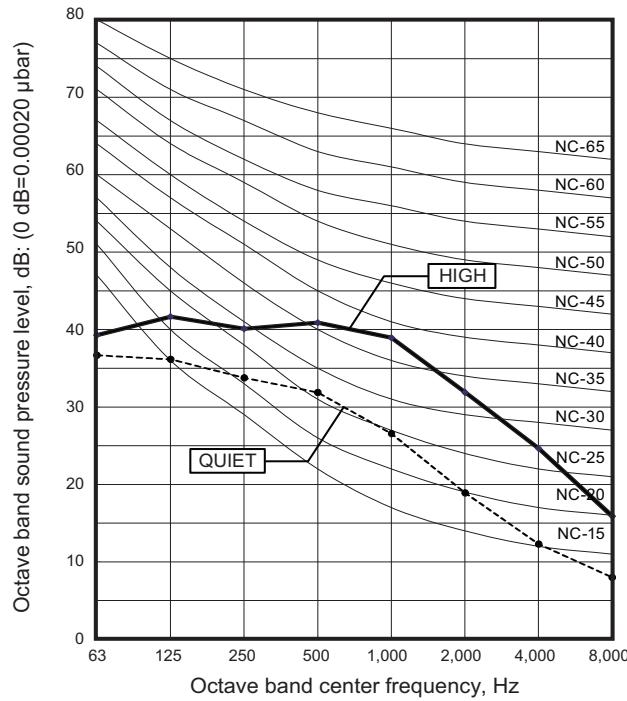


#### ● Heating

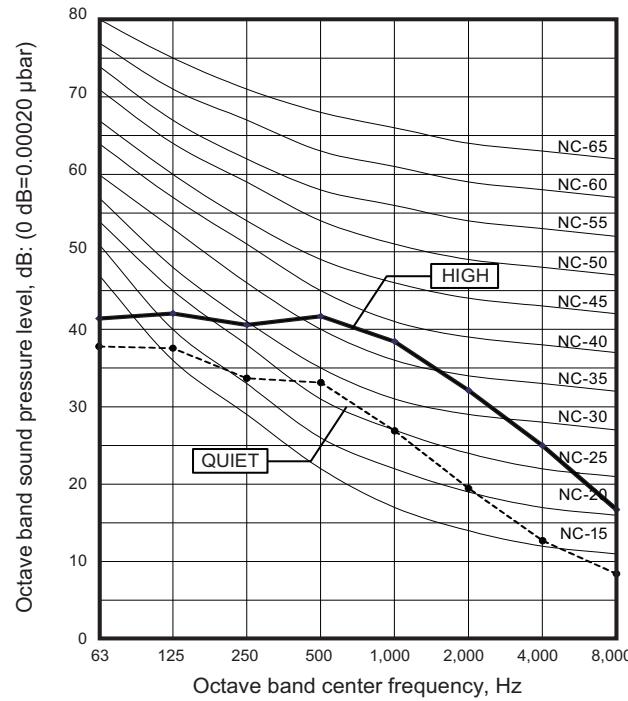


### ■ Models: ABYG18LVTA and ABYG18LVTB (Under ceiling)

#### ● Cooling



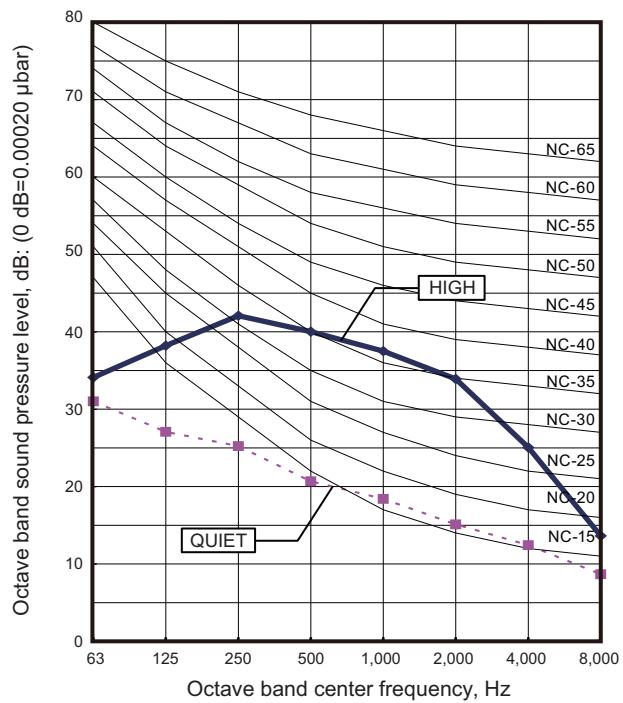
#### ● Heating



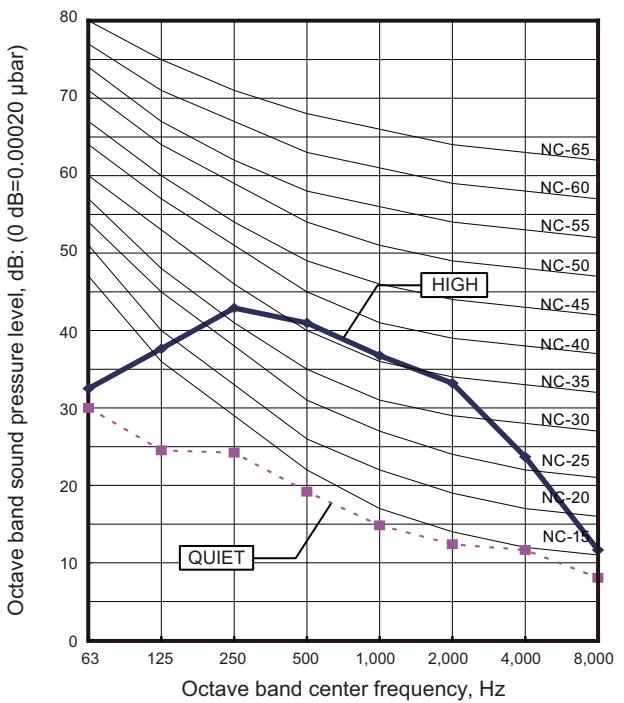
## 8-6. Floor type

### ■ Model: AGYG09LVCA

#### ● Cooling

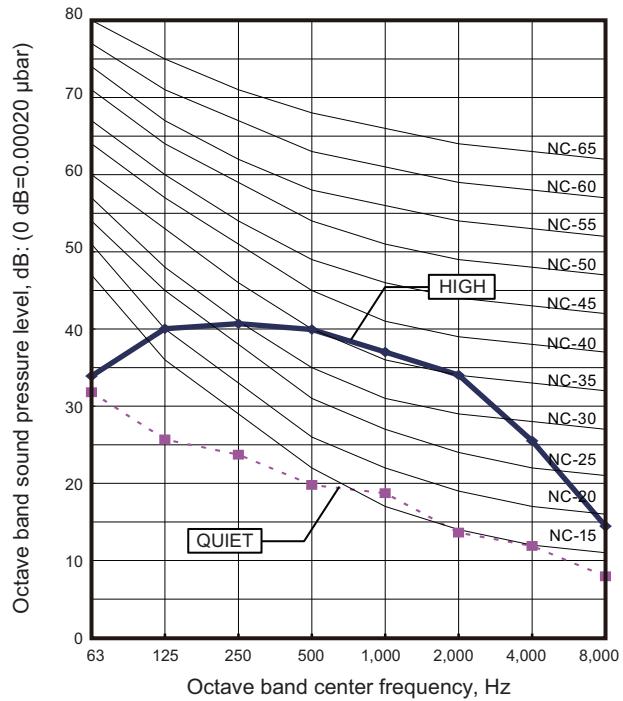


#### ● Heating

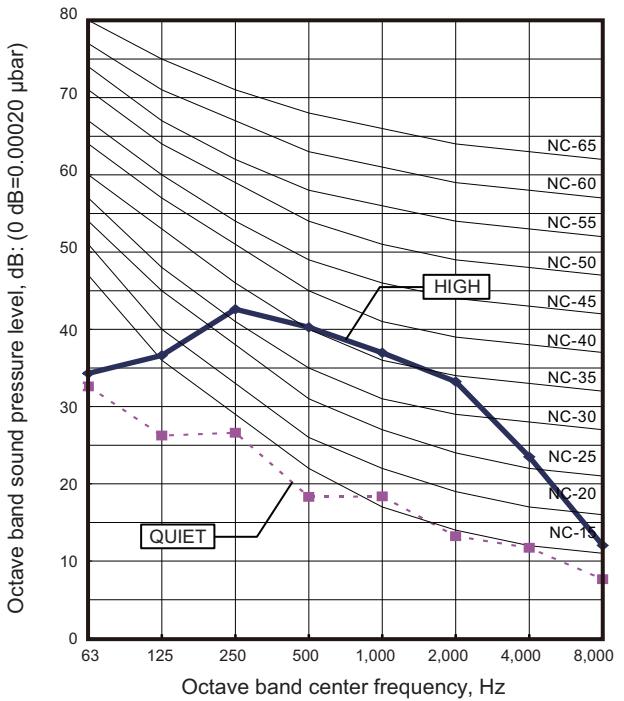


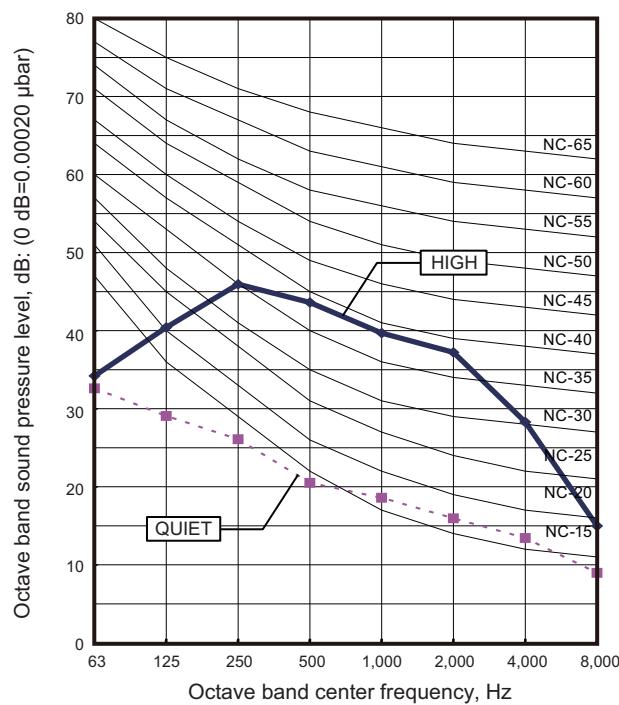
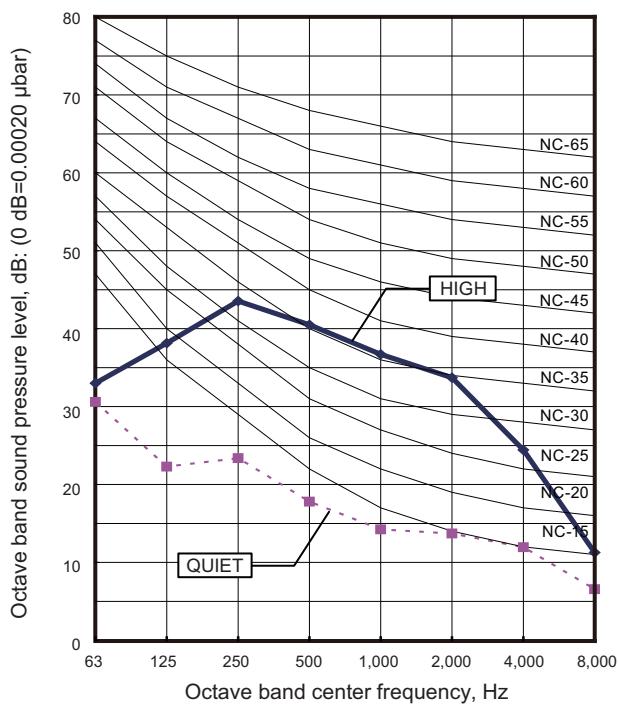
### ■ Model: AGYG12LVCA

#### ● Cooling



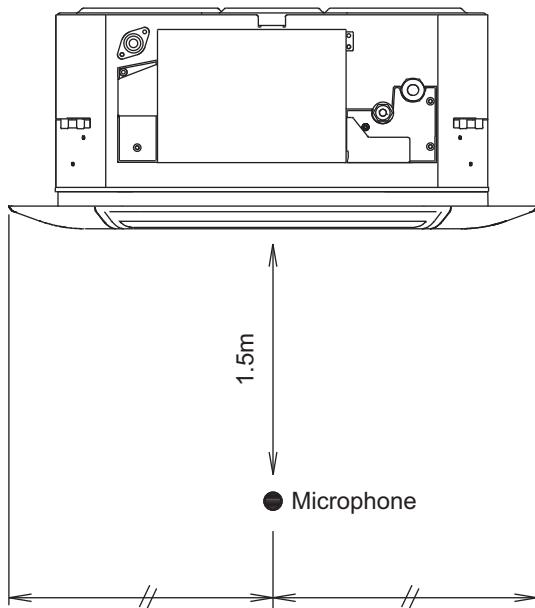
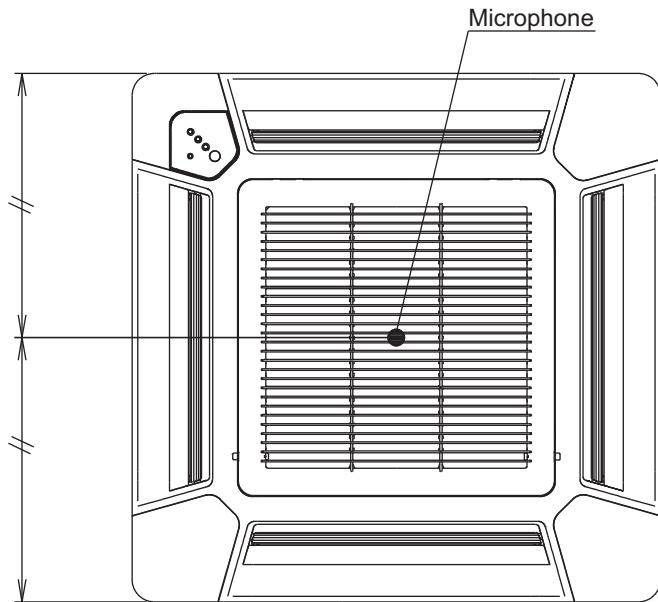
#### ● Heating



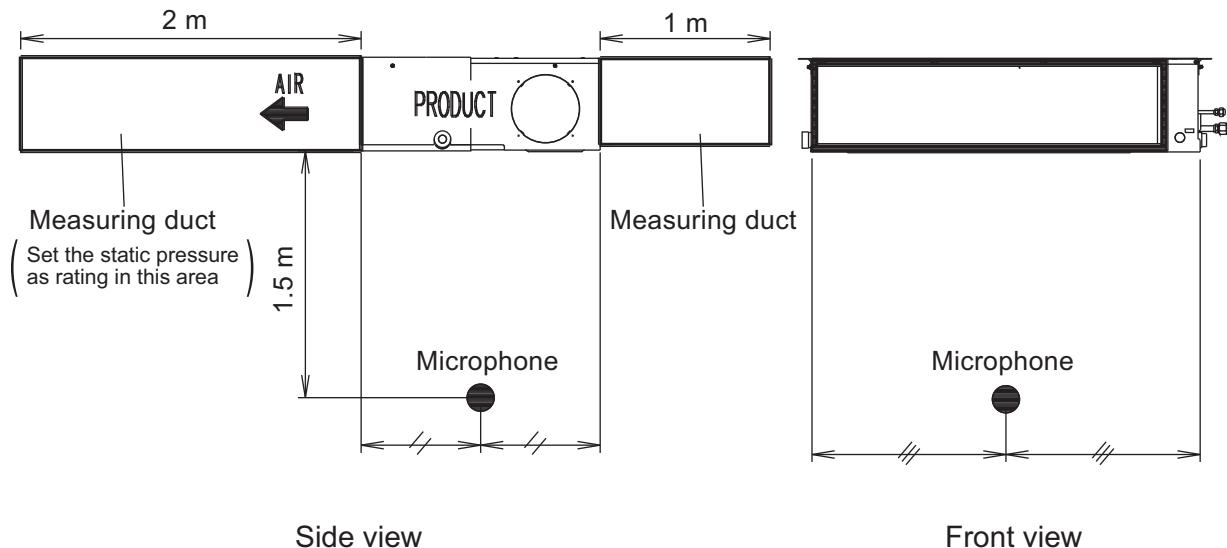
**■ Model: AGYG14LVCA****● Cooling****● Heating**

## 8-7. Sound level check point

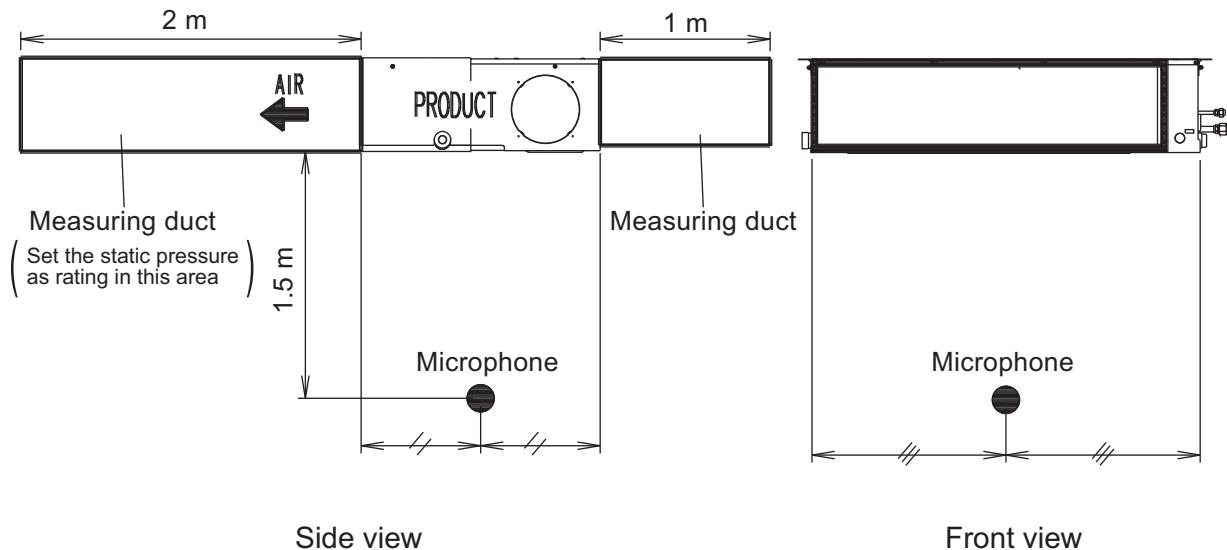
### ■ Compact cassette type



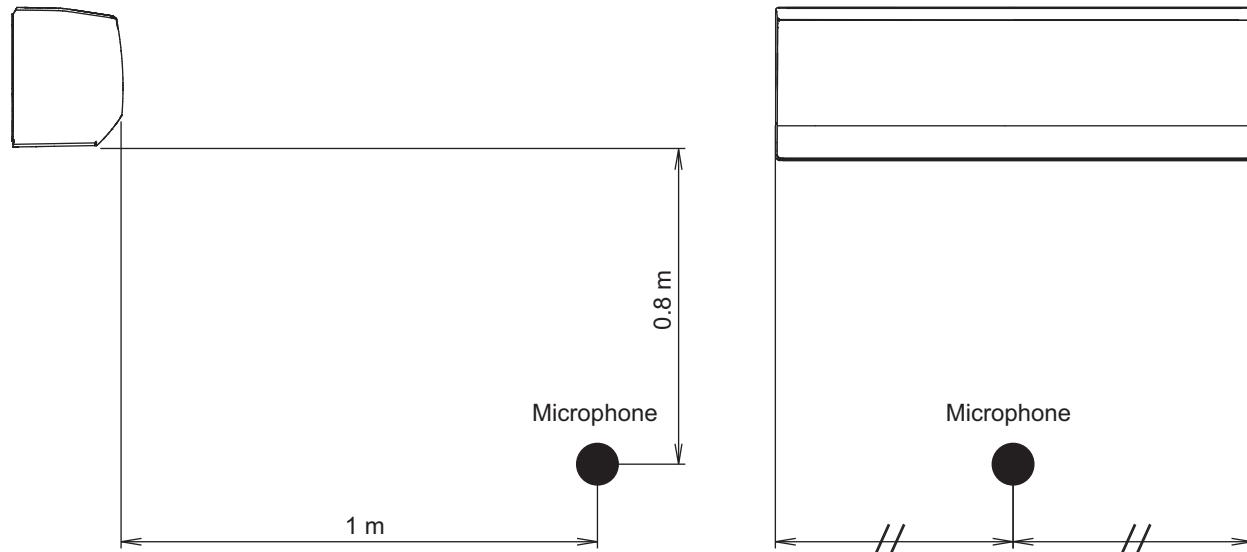
## ■ Mini duct type



## ■ Slim duct type



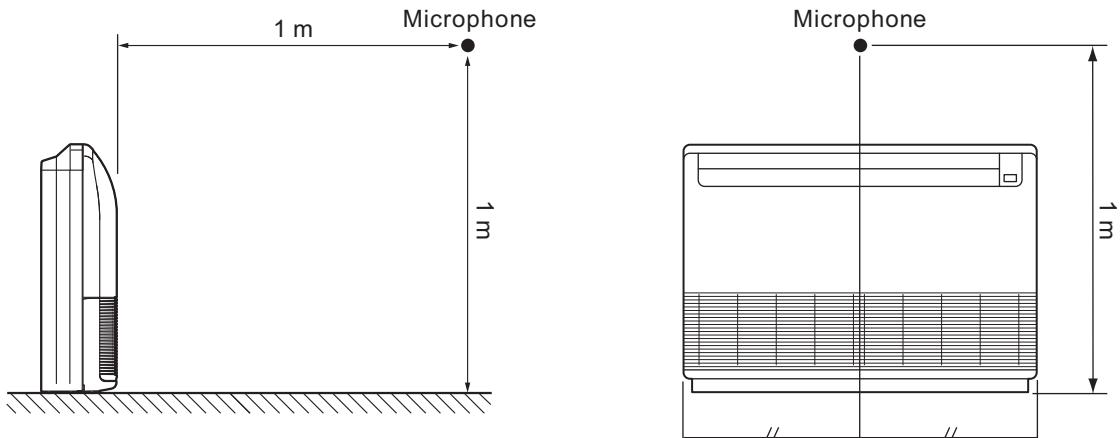
## ■ Wall mounted type



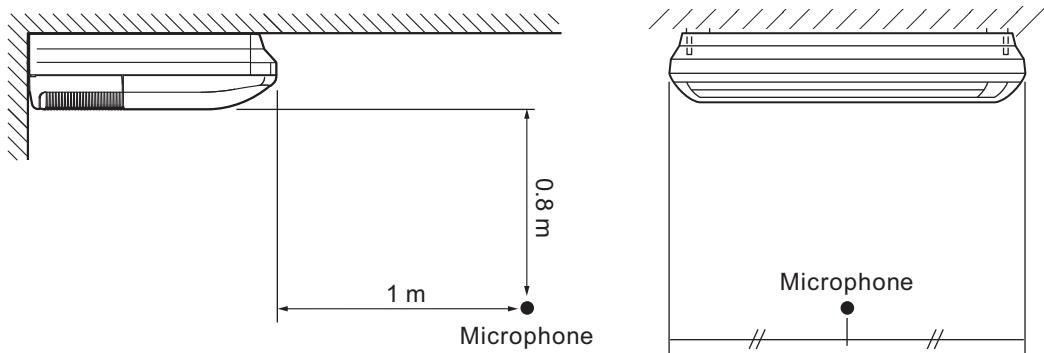
**NOTE:** Detailed shape of the actual indoor unit might be slightly different from the one illustrated above.

## ■ Floor/Ceiling type

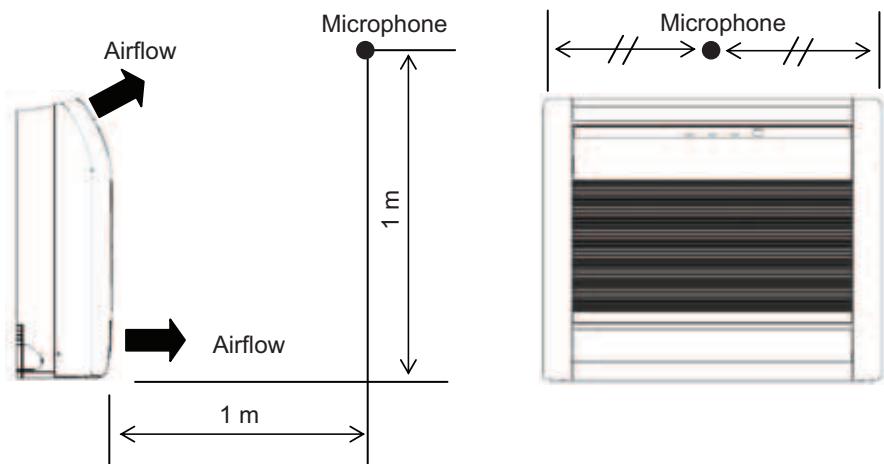
- Floor console



- Under ceiling



## ■ Floor type



## 9. Electrical characteristics

		Power supply			Indoor rated	
Type	Model name	Hz	Voltage (V)	MCA (A)	Input power (W)	FLA (A)
Compact cassette	AUYG07LVLA	50	230	0.19	18	0.15
	AUYG09LVLA			0.19	18	0.15
	AUYG12LVLA			0.24	23	0.19
	AUYG12LVLB			0.28	28	0.22
	AUYG14LVLA			0.38	39	0.30
	AUYG14LVLB			0.33	33	0.29
	AUYG18LVLA			0.38	40	0.33
Mini duct	AUYG18LVLB			0.42	47	0.38
	ARYG07LSLAP			0.67	72	0.58
	ARYG09LSLAP			0.61	63	0.49
	ARYG12LSLAP			0.41	33	0.33
	ARYG14LSLAP			0.38	49	0.30
Slim duct	ARYG18LSLAP			0.44	58	0.35
	ARYG07LLTA			0.64	76	0.51
	ARYG09LLTA			0.55	73	0.44
	ARYG12LLTA			0.17	15	0.13
	ARYG12LLTB			0.19	17	0.15
	ARYG14LLTA			0.24	22	0.19
	ARYG14LLTB			0.16	13	0.13
Wall mounted	ARYG18LLTA			0.18	16	0.14
	ARYG18LLTB			0.21	19	0.17
	ASYG07LUCA			0.25	23	0.20
	ASYG09LUCA			0.16	15	0.13
	ASYG12LUCA			0.19	17	0.15
	ASYG14LUCA			0.21	19	0.17
	ASYG07LMCA			0.25	23	0.20
	ASYG07LMCE			0.16	15	0.13
	ASYG09LMCA			0.19	17	0.15
	ASYG09LMCE			0.24	22	0.19
	ASYG12LMCA			0.31	28	0.25
	ASYG12LMCE			0.41	37	0.33
	ASYG14LMCA			0.66	69	0.53
	ASYG14LMCE			0.26	26	0.21
Floor/Ceiling	ASYG18LFCA			0.45	47	0.36
	ASYG24LFCA			0.19	16	0.15
	ASYG24LFCC			0.23	20	0.18
Floor	ASYG14LVTA			0.25	23	0.20
	ABYG18LVTA			0.26	26	0.21
	ABYG18LVTB			0.45	47	0.36
Floor	AGYG09LVCA			0.19	16	0.15
	AGYG12LVCA			0.23	20	0.18
	AGYG14LVCA			0.25	23	0.20

MCA: Minimum Circuit Ampacity = Maximum operating current (Full load)

FLA: Full Load Amperes (Fan motor)

## 10. Safety devices

Indoor unit type	Model name	PCB* fuse	Fan motor thermal protector	Terminal thermal fuse	Float switch
Compact cassette	AUYG07LVLA	250V, 3.15A	$100 \pm 10^\circ\text{C}$	—	○
	AUYG09LVLA				
	AUYG12LVLA				
	AUYG12LVLB				
	AUYG14LVLA				
	AUYG14LVLB				
	AUYG18LVLA				
	AUYG18LVLB				
Mini duct	ARYG07LSLAP	250V, 5A	$135 \pm 15^\circ\text{C}$	—	○
	ARYG09LSLAP				
	ARYG12LSLAP				
	ARYG14LSLAP				
	ARYG18LSLAP				
Slim duct	ARYG07LLTA	250V, 5A	$135 \pm 15^\circ\text{C}$	—	○
	ARYG09LLTA				
	ARYG12LLTA				
	ARYG12LLTB				
	ARYG14LLTA				
	ARYG14LLTB				
	ARYG18LLTA				
	ARYG18LLTB				
Wall mounted	ASYG07LJCA	250V, 3.15A	$150 \pm 15^\circ\text{C}$	$102^\circ\text{C Off}$	—
	ASYG09LJCA		$150 \pm 15^\circ\text{C}$	$102^\circ\text{C Off}$	—
	ASYG12LJCA				
	ASYG07LUCA		$150 \pm 15^\circ\text{C}$	$102^\circ\text{C Off}$	—
	ASYG09LUCA				
	ASYG12LUCA		$150 \pm 15^\circ\text{C}$	$102^\circ\text{C Off}$	—
	ASYG14LUCA				
	ASYG07LMCA		$140\text{---}195^\circ\text{C}$	—	—
	ASYG07LMCE				
	ASYG09LMCA		$140\text{---}195^\circ\text{C}$	—	—
	ASYG09LMCE				
	ASYG12LMCA		$140\text{---}195^\circ\text{C}$	—	—
	ASYG12LMCE				
	ASYG14LMCA		$140\text{---}195^\circ\text{C}$	—	—
	ASYG14LMCE				
	ASYG18LFCA		$120 \pm 15^\circ\text{C}$	$102^\circ\text{C Off}$	—
	ASYG24LFCA				
	ASYG24LFCC				
Floor/Ceiling	ABYG14LVTB		$135 \pm 15^\circ\text{C}$	—	—
	ABYG18LVTB				
	ABYG18LVTB				
Floor	AGYG09LVCA		$150 \pm 15^\circ\text{C}$	$102^\circ\text{C Off}$	—
	AGYG12LVCA				
	AGYG14LVCA				

\*: Printed Circuit Board