FUJITSU

Refrigerant R410A INVERTER

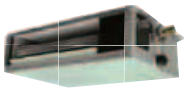
AIR CONDITIONER

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

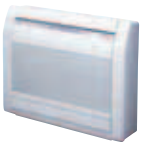
ASYG07LMCE
ASYG09LMCE
ASYG12LMCE
ASYG14LMCE

ASYG07LUCA
ASYG09LUCA
ASYG12LUCA
ASYG14LUCA

ASYG18LFCA
ASYG24LFCA
ASYG24LFCC

OUTDOOR

ABYG14LVTA
ABYG18LVTA
ABYG18LVTB



AGYG09LVCA
AGYG12LVCA
AGYG14LVCA

AOYG14LAC2
AOYG18LAC2

AOYG18LAT3
AOYG24LAT3

AOYG30LAT4

FUJITSU GENERAL LIMITED

DR_MU011EF_15
2017.03.30

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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CONTENTS (continued)

Part 1. INDOOR UNIT

COMPACT CASSETTE TYPE:

AUYG07LVLA	AUYG12LVLA	AUYG14LVLA	AUYG18LVLA
AUYG09LVLA	AUYG12LVLB	AUYG14LVLB	AUYG18LVLB

MINI DUCT TYPE:

ARYG07LSLAP	ARYG12LSLAP	ARYG18LSLAP
ARYG09LSLAP	ARYG14LSLAP	

SLIM DUCT TYPE:

ARYG07LLTA	ARYG12LLTA	ARYG14LLTA	ARYG18LLTA
ARYG09LLTA	ARYG12LLTB	ARYG14LLTB	ARYG18LLTB

WALL MOUNTED TYPE:

ASYG07LJCA	ASYG07LUCA	ASYG07LMCA	ASYG07LMCE	ASYG18LFCA
ASYG09LJCA	ASYG09LUCA	ASYG09LMCA	ASYG09LMCE	ASYG24LFCA
ASYG12LJCA	ASYG12LUCA	ASYG12LMCA	ASYG12LMCE	ASYG24LFCC
	ASYG14LUCA	ASYG14LMCA	ASYG14LMCE	

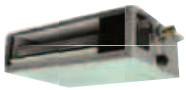
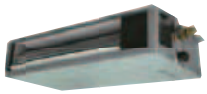
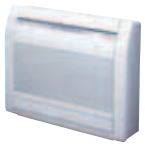
FLOOR/CEILING TYPE:

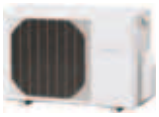
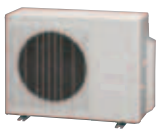
ABYG14LVTA	ABYG18LVTA
	ABYG18LVTB

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
kW class	2.0	2.5	3.5	4.0	5.0
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
kW class	2.0	2.5	3.5	4.0	5.0	2.0	2.5	3.5	4.0	5.0
AOYG14LAC2	—	—	—	—	—	—	—	—	—	—
AOYG18LAC2	●	●	●	—	—	●	●	●	—	—
AOYG18LAT3	●	●	●	●	—	●	●	●	●	—
AOYG24LAT3	●	●	●	●	●	●	●	●	●	●
AOYG30LAT4	●	●	●	●	●	●	●	●	●	●

Outdoor unit	Wall mounted								
	LJ			LU/LM				LF	
	ASYG07—12LJCA			ASYG07—14LUCA ASYG07—14LMCA ASYG07—14LMCE				ASYG18LFCA ASYG24LFCA ASYG24LFCC	
Btu class	07	09	12	07	09	12	14	18	24
kW class	2.0	2.5	3.5	2.0	2.5	3.5	4.0	5.0	7.0
AOYG14LAC2	●	●	●	●	●	●	—	—	—
AOYG18LAC2	●	●	●	●	●	●	●	—	—
AOYG18LAT3	●	●	●	●	●	●	●	—	—
AOYG24LAT3	●	●	●	●	●	●	●	●	—
AOYG30LAT4	●	●	●	●	●	●	●	●	●

Outdoor unit	Floor/Ceiling		Floor		
	ABYG14LVTA ABYG18LVTA ABYG18LVTB		AGYG09—14LVCA		
Btu class	14	18	09	12	14
kW class	4.0	5.0	2.5	3.5	4.0
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

AOYG30LAT4					
No.	Room 1	Room 2	Room 3	Room 4	Total
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*1	9	9	9	18	45
68	9	9	12	12	42
69	9	9	12	14	44
70*2	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	m^3/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			W	54		
Sound pressure 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
Sound power level		Cooling		dB (A)	46		49
		Heating			47		49
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				Hard PVC		
	Size			mm	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.

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	m^3/h	680	750
			MED		580	610
			LOW		490	520
			QUIET		410	410
		Heating	HIGH		700	800
			MED		620	710
			LOW		550	600
			QUIET		430	450
	Type × Q'ty				Turbo fan × 1	
	Motor output			W	54	
Sound pressure level *		Cooling	HIGH	dB (A)	40	42
			MED		35	37
			LOW		32	33
			QUIET		29	29
		Heating	HIGH		40	44
			MED		37	40
			LOW		34	37
			QUIET		29	30
Sound power level		Cooling		dB (A)	52	54
		Heating			52	56
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			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				Hard PVC	
	Size			mm	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					1Ø 230 V ~50 Hz		
Available voltage range					198—264 V		
Capacity				kW class	2.0	2.5	3.5
Input power		Fan	HIGH	W	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	m^3/h	550	600	650
			MED		440	450	490
			LOW		390	400	430
			QUIET		360	360	360
		Heating	HIGH		550	600	650
			MED		440	450	490
			LOW		390	400	430
			QUIET		360	360	360
	Type × Q'ty				Sirocco fan × 2		
	Motor output			W	75		
Recommended static pressure				Pa	0 to 30		
Sound pressure level *		Cooling	HIGH	dB (A)	29	29	31
			MED		26	26	27
			LOW		24	24	25
			QUIET		23	23	23
		Heating	HIGH		29	29	31
			MED		26	26	27
			LOW		24	24	25
			QUIET		23	23	23
Sound power level		Cooling		dB (A)	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			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: 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	W	72	63
			MED		44	38
			LOW		30	22
			QUIET		18	19
Running current				A	0.58	0.49
Fan	Airflow rate	Cooling	HIGH	m^3/h	800	940
			MED		640	750
			LOW		530	540
			QUIET		360	480
		Heating	HIGH		800	940
			MED		640	750
			LOW		530	540
			QUIET		360	480
	Type × Q'ty				Sirocco fan × 2	Sirocco fan × 3
	Motor output			W	75	80
Recommended static pressure				Pa	0 to 50	
Sound pressure level *		Cooling	HIGH	dB (A)	35	33
			MED		30	29
			LOW		27	26
			QUIET		23	23
		Heating	HIGH		35	33
			MED		30	29
			LOW		27	26
			QUIET		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			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: 15 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.

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	HIGH	m^3/h	550	600	650
			MED		490	550	600
			LOW		470	500	550
			QUIET		440	450	480
		Heating	HIGH		550	600	650
			MED		490	550	600
			LOW		470	500	550
			QUIET		440	450	480
	Type × Q'ty				Sirocco fan × 2		
	Motor output			W	80	81	
Recommended static pressure				Pa	0 to 90		
Sound pressure level *		Cooling	HIGH	dB (A)	28	28	29
			MED		26	27	28
			LOW		25	26	27
			QUIET		24	25	26
		Heating	HIGH		28	28	29
			MED		26	26	28
			LOW		25	25	27
			QUIET		24	24	24
Sound power level		Cooling		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				kW class	4.0	5.0
Input power				W	76	73
Running current				A	0.51	0.44
Fan	Airflow rate	Cooling	HIGH	m^3/h	800	940
			MED		700	880
			LOW		600	820
			QUIET		480	750
		Heating	HIGH		800	940
			MED		700	880
			LOW		600	820
			QUIET		480	750
	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
			MED		30	31
			LOW		28	30
			QUIET		26	29
		Heating	HIGH		33	33
			MED		30	32
			LOW		28	31
			QUIET		25	29
Sound power level		Cooling		dB (A)	60	58
		Heating			61	59
Heat exchanger type		Dimensions (H × W × D)		mm	294 × 500 × 39.9	294 × 700 × 39.9
		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	198 × 900 × 620
	Gross				274 × 945 × 772	274 × 1,145 × 772
Weight	Net			kg	19	23
	Gross				23	27
Connection pipe	Size	Liquid		mm (in)	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				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.

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	m^3/h	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			W	30		
Sound pressure level *		Cooling	HIGH	dB (A)	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		dB (A)	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				kW class	2.0	2.5	3.5	4.0
Input power				W	13	16	19	23
Running current				A	0.13	0.14	0.17	0.20
Fan	Airflow rate	Cooling	HIGH	m^3/h	570	600	660	710
			MED		520	550	600	640
			LOW		470	470	530	570
			QUIET		330	330	330	390
		Heating	HIGH		570	600	660	710
			MED		520	550	600	640
			LOW		470	470	530	590
			QUIET		330	330	330	430
	Type × Q'ty				Cross flow fan × 1			
	Motor output			W	36			
Sound pressure level *		Cooling	HIGH	dB (A)	35	36	37	41
			MED		30	32	34	36
			LOW		28	28	31	33
			QUIET		21	21	21	25
		Heating	HIGH		35	36	37	41
			MED		30	32	34	36
			LOW		28	28	31	34
			QUIET		21	21	21	27
Sound power level		Cooling		dB (A)	53	54	55	59
		Heating			53	54	55	59
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)
	Method				Flare			
Drain hose	Material				PP + LLDPE			
	Size			mm	Ø13.8 (I.D.), Ø15.8 to Ø16.7 (O.D.)			
Operation range		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					ASYG07LMCA	ASYG09LMCA	ASYG12LMCA	ASYG14LMCA
Power supply					1Ø 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	m^3/h	560	600	660	730
			MED		500	520	560	600
			LOW		430	430	450	530
			QUIET		310	310	310	360
		Heating	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
		Heating	HIGH		36	37	40	42
			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	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)
	Method				Flare			
Drain hose	Material				PP + LLDPE			
	Size			mm	Ø13.8 (I.D.), Ø15.8 to Ø16.7 (O.D.)			
Operation range		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					1Ø 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	m^3/h	560	600	660	730
			MED		500	520	560	600
			LOW		430	430	450	530
			QUIET		310	310	310	360
		Heating	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
		Heating	HIGH		36	37	40	42
			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)
	Method				Flare			
Drain hose	Material				PP + LLDPE			
	Size			mm	Ø13.8 (I.D.), Ø15.8 to Ø16.7 (O.D.)			
Operation range		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					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	m^3/h	900	1,120	
			MED		740	900	
			LOW		620	740	
			QUIET		550	620	
		Heating	HIGH		900	1,100	
			MED		740	900	
			LOW		620	740	
			QUIET		550	620	
	Type × Q'ty				Cross flow fan ×1		
	Motor output			W	42		65
Sound pressure level *		Cooling	HIGH	dB (A)	43	49	
			MED		37	42	
			LOW		33	37	
			QUIET		26	33	
		Heating	HIGH		42	48	
			MED		37	42	
			LOW		33	37	
			QUIET		25	33	
Sound power level		Cooling		dB (A)	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)	
	Method				Flare		
Drain hose	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	m^3/h	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	dB (A)	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		dB (A)	51	55
		Heating			51	55
Heat exchanger type		Dimensions (H × W × D)		mm	252 × 800 × 26.6	252 × 800 × 39.9
		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)	
	Method				Flare	
Drain hose	Material				Hard PVC	
	Size			mm	Ø25 (I.D.), Ø32 (O.D.)	
Operation range		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:
  - 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					1Ø 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	m^3/h	530	600	650
			MED		440	490	520
			LOW		360	380	400
			QUIET		270	270	270
		Heating	HIGH		530	600	650
			MED		460	510	540
			LOW		380	410	430
			QUIET		270	270	270
	Type × Q'ty				Cross flow fan × 2		
	Motor output			W	16		
Sound pressure level *		Cooling	HIGH	dB (A)	39	42	44
			MED		34	36	38
			LOW		28	30	31
			QUIET		22	22	22
		Heating	HIGH		39	42	44
			MED		35	38	39
			LOW		30	32	33
			QUIET		22	22	22
Sound power level		Cooling		dB (A)	52	55	56
		Heating			52	55	56
Heat exchanger type		Dimensions (H × W × D)		mm	378 × 550 × 26.6		
		Fin pitch		mm	1.2		
		Rows × Stages			2 × 18		
		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	600 × 740 × 200		
	Gross				700 × 820 × 310		
Weight	Net			kg	14		
	Gross				17		
Connection pipe	Size	Liquid		mm (in)	Ø6.35 (Ø1/4)		
		Gas			Ø9.52 (Ø3/8)		Ø12.70 (Ø1/2)
	Method				Flare		
Drain hose	Material				PVC		
	Size			mm	Ø13.8 (I.D.), Ø16.7 (O.D.)		
Operation range		Cooling		°C	18 to 32		
				%RH	80 or less		
		Heating		°C	16 to 30		
Remote controller type					Wireless (Wired [option])		

NOTES:

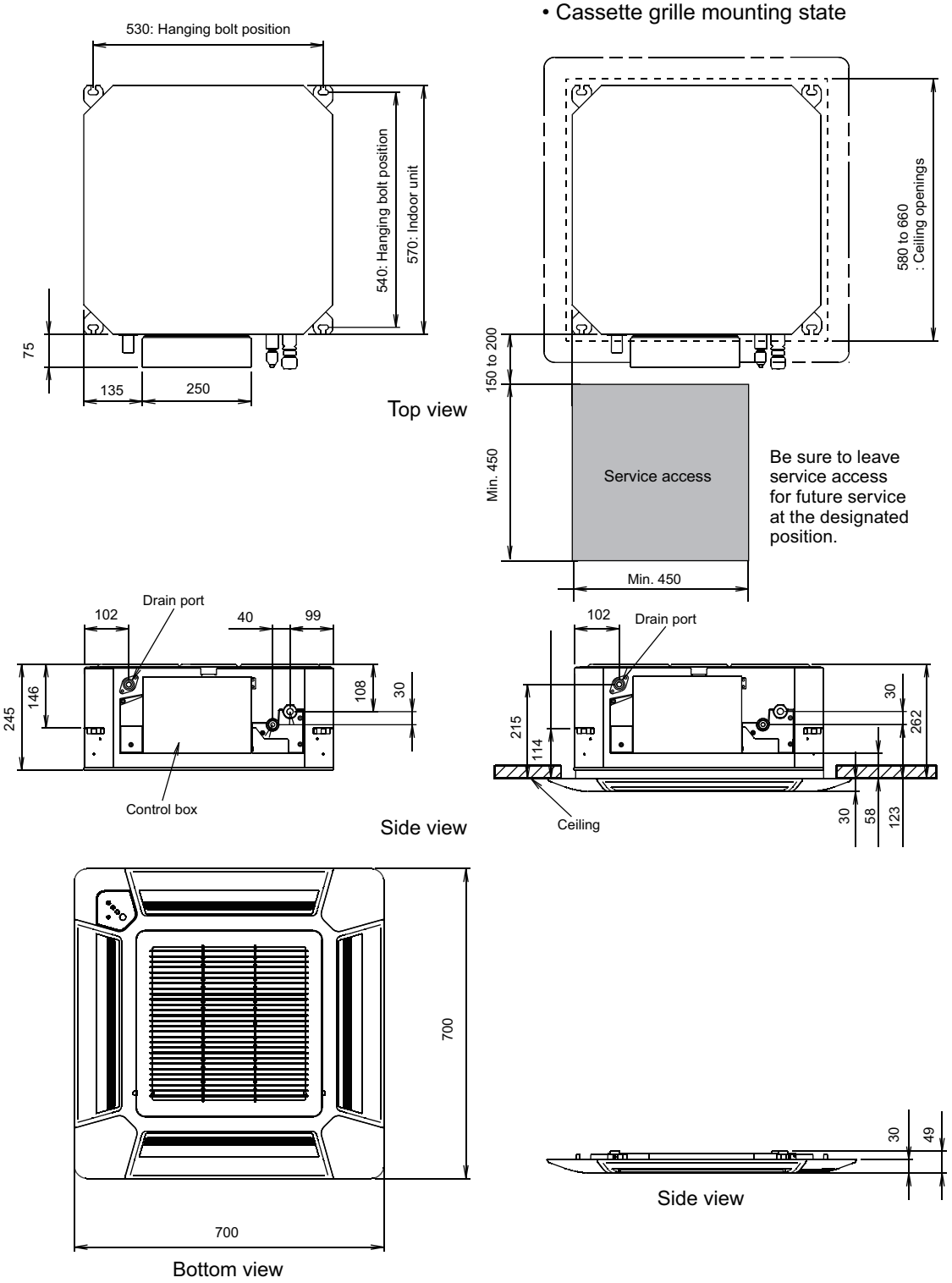
- The protective function might work when using it outside the operation range.
- *Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

3. Dimensions

3-1. Compact cassette type

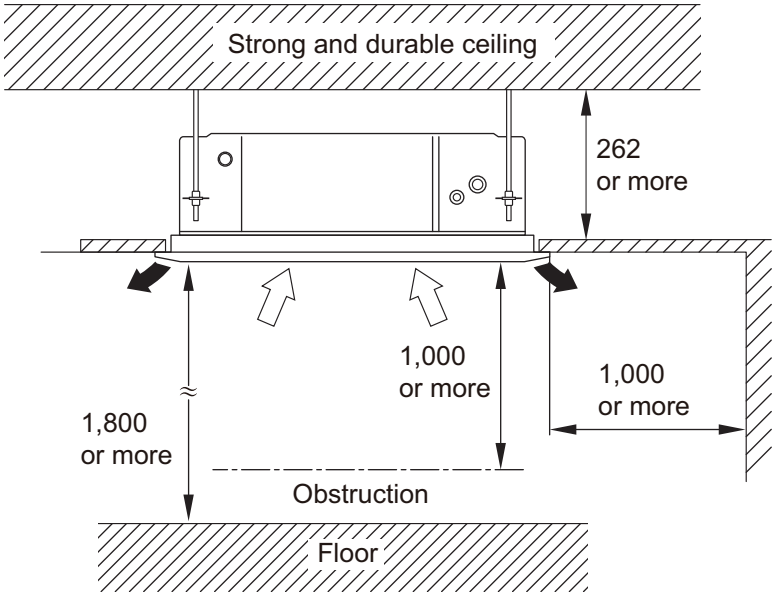
■ Models: AUYG07LVLA, AUYG09LVLA, AUYG12LVLA, AUYG14LVLA, AUYG18LVLA, AUYG12LVLB, AUYG14LVLB, and AUYG18LVLB

Unit: mm



■ Installation space

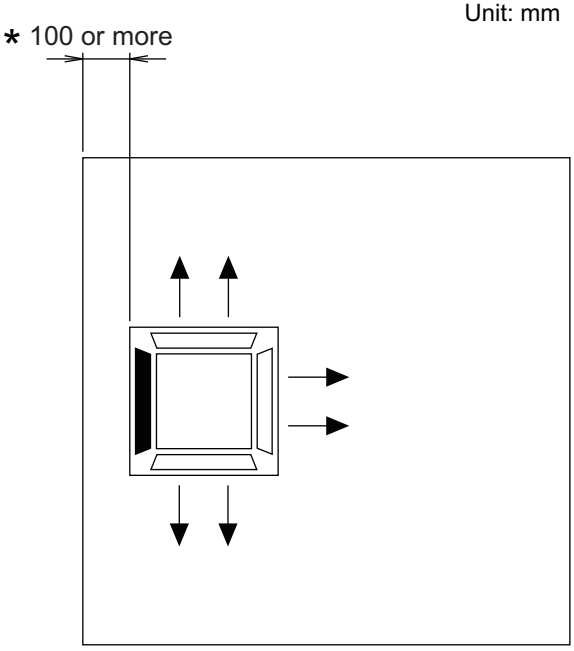
Unit: mm



	Maximum height from floor to ceiling (Unit: mm)				
Model name	AUYG07LVLA	AUYG09LVLA	AUYG12LVLA AUYG12LVLB	AUYG14LVLA AUYG14LVLB	AUYG18LVLA AUYG18LVLB
Standard mode	2,700				
High ceiling mode	—		3,000		

- **3-way direction setting**

Unit: mm



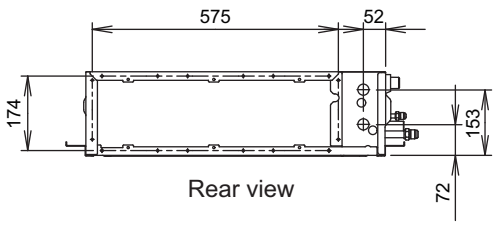
NOTES:

- *: 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.

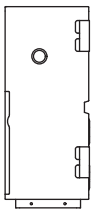
3-2. Mini duct type

■ Models: ARYG07LSLAP, ARYG09LSLAP, ARYG12LSLAP, and ARYG14LSLAP

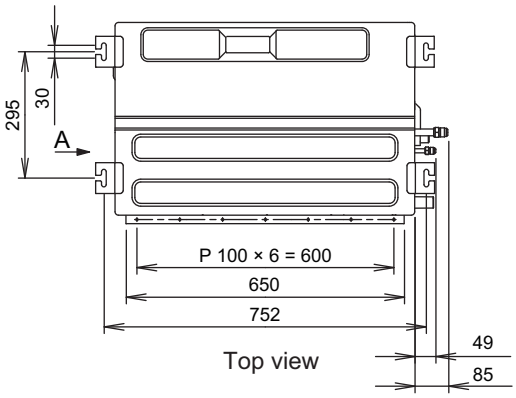
Unit: mm



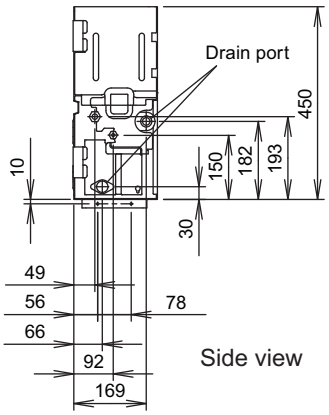
Rear view



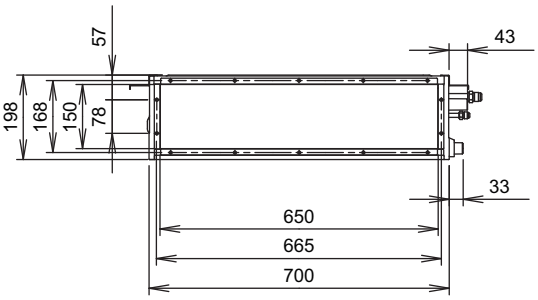
View A



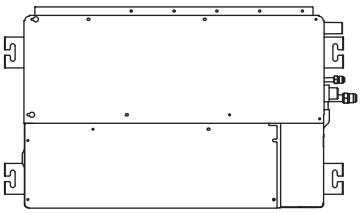
Top view



Side view



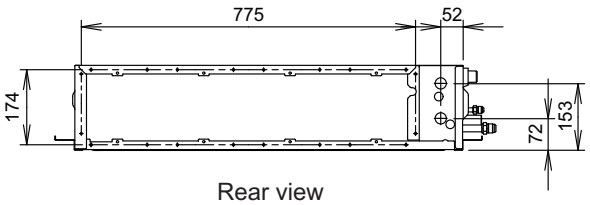
Front view



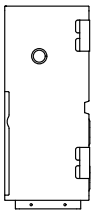
Bottom view

■ Model: ARYG18LSLAP

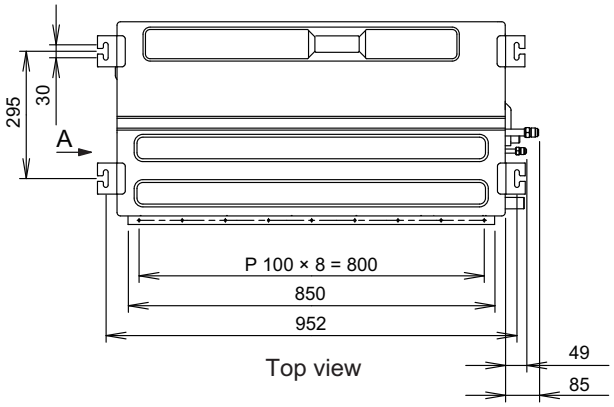
Unit: mm



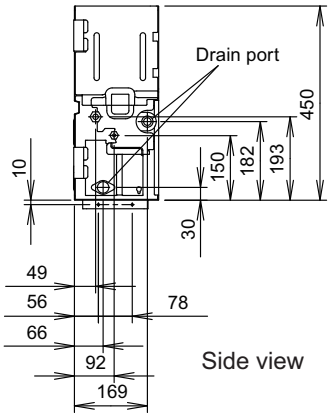
Rear view



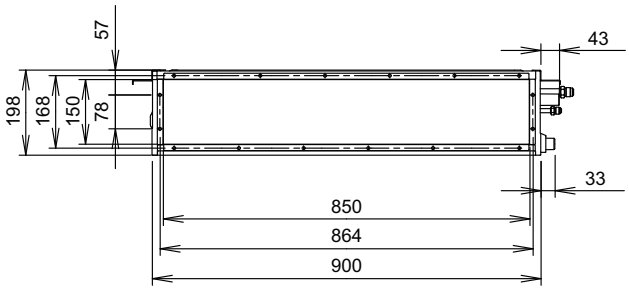
View A



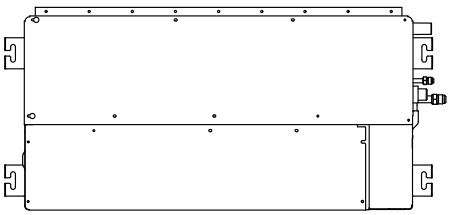
Top view



Side view



Front view

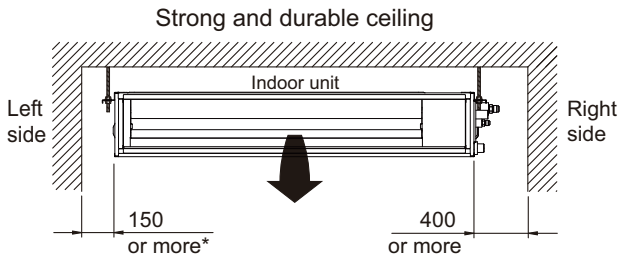


Bottom view

■ Installation space requirement

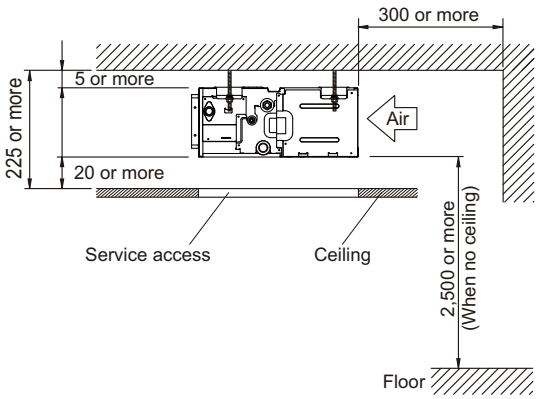
Provide sufficient installation space for product safety.

Unit: mm

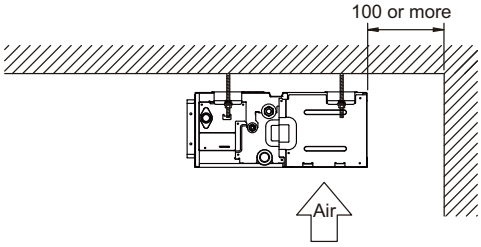


*: 400 or more when drain from drain pipe

- **When intaking air from back:**



- **When intaking air from bottom:**

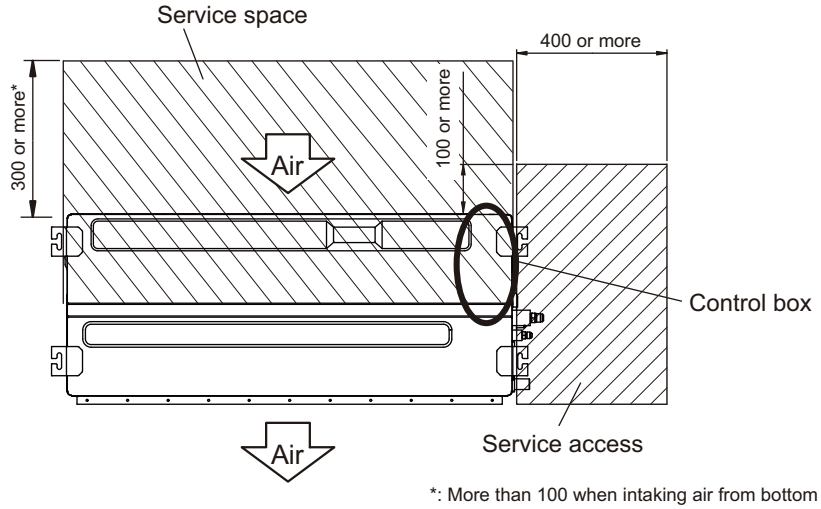


■ Maintenance space requirement

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



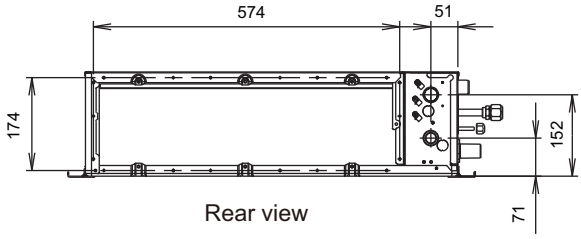
*: More than 100 when intaking air from bottom

Top view

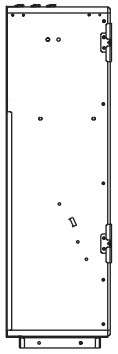
3-3. Slim duct type

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

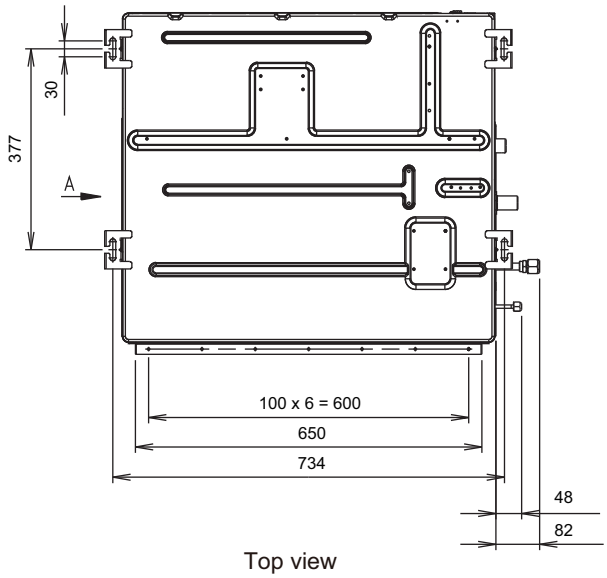
Unit: mm



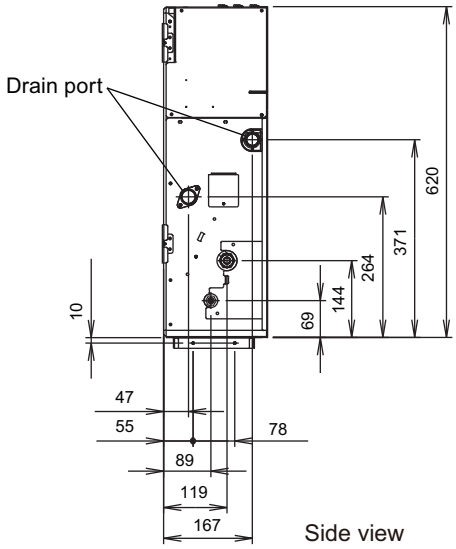
Rear view



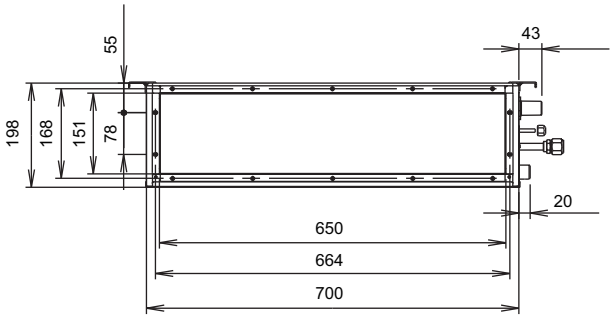
View A



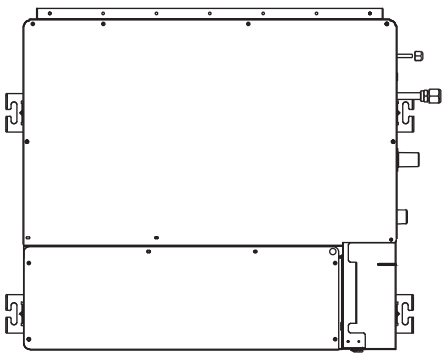
Top view



Side view



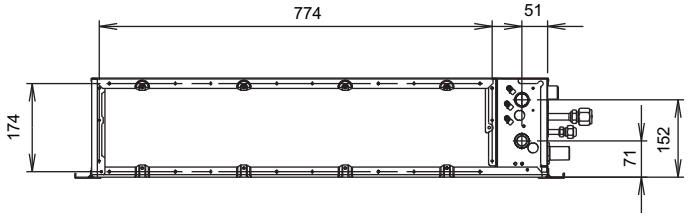
Front view



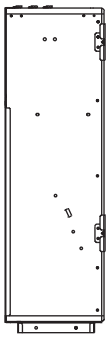
Bottom view

■ Model: ARYG18LLTA and ARYG18LLTB

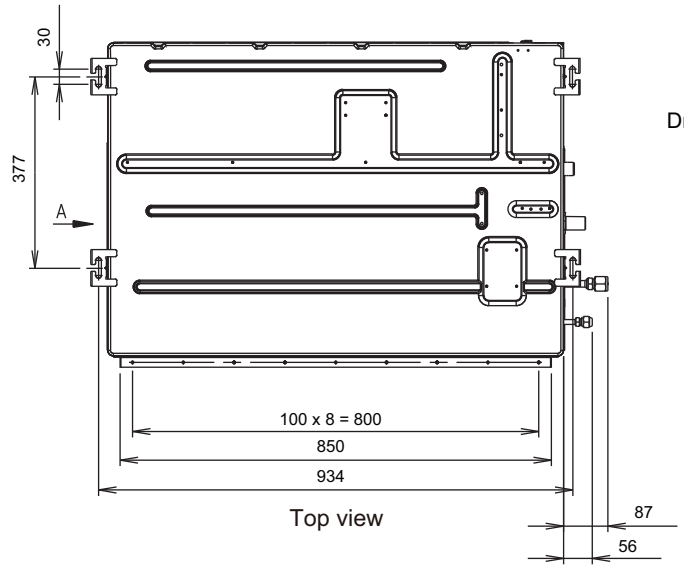
Unit: mm



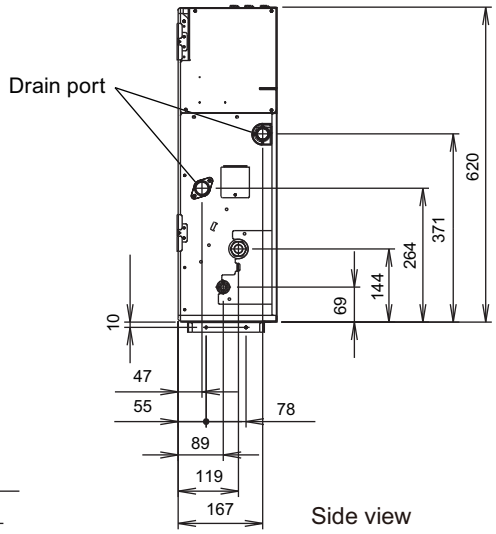
Rear view



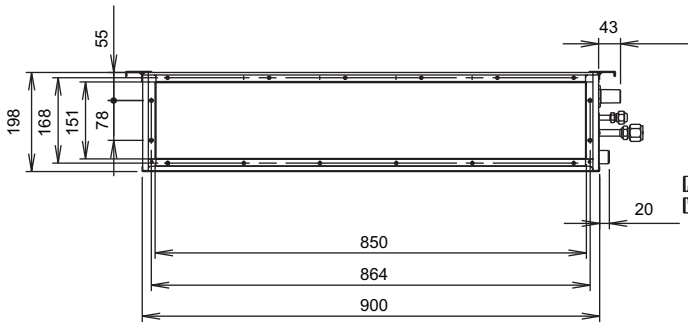
View A



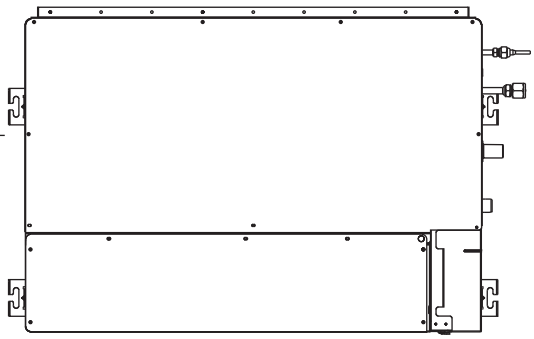
Top view



Side view



Front view



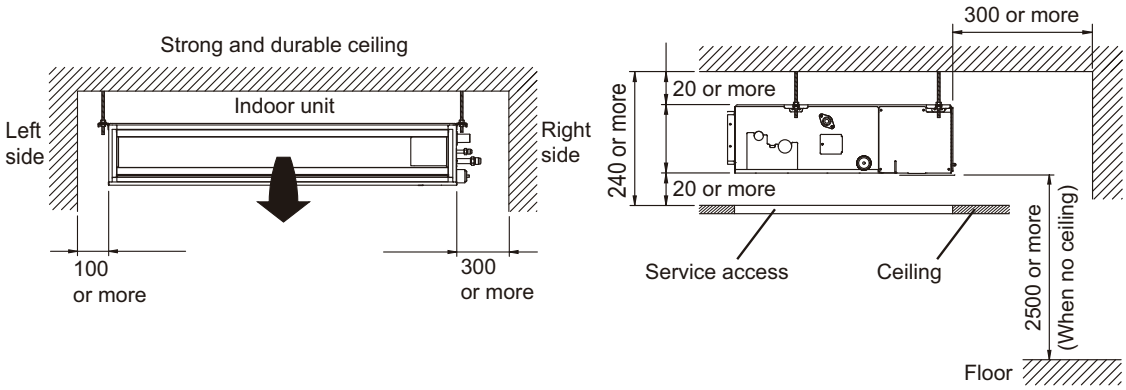
Bottom view

■ Installation space requirement

Provide sufficient installation space for product safety.

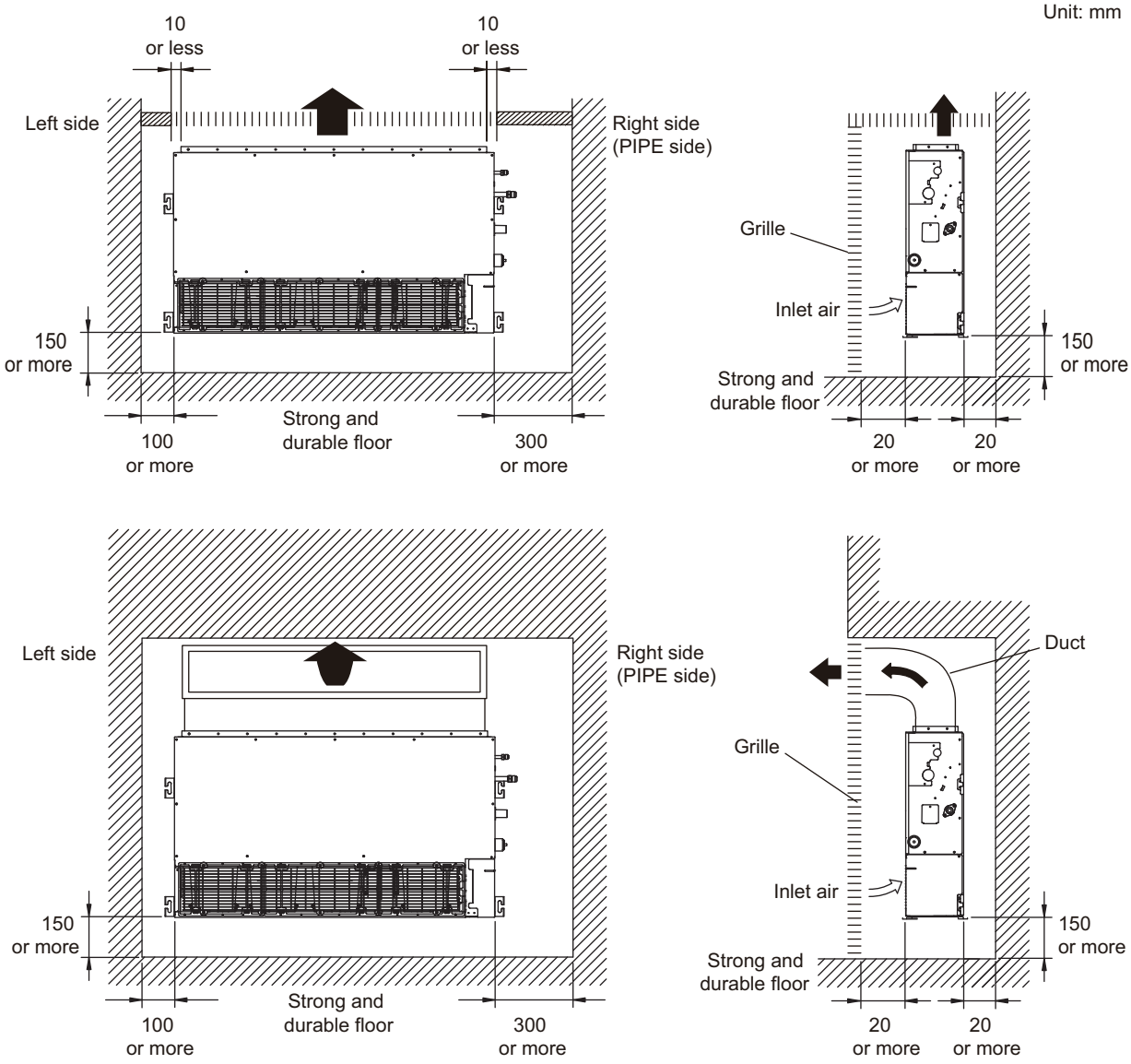
In ceiling-concealed installations:

Unit: mm



In wall-concealed installations:

Unit: mm

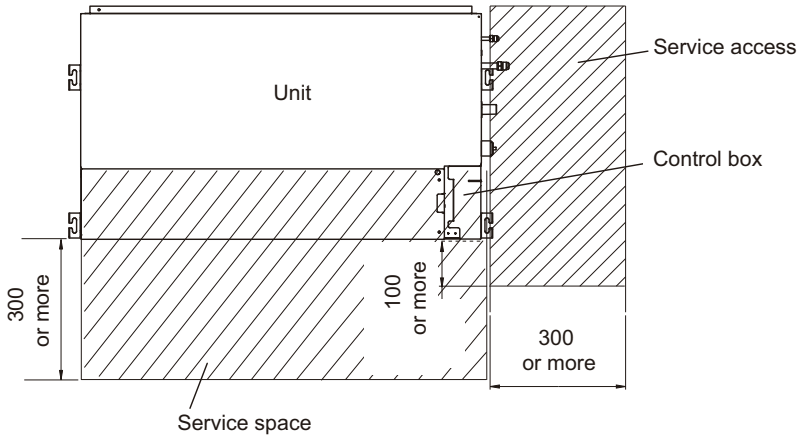


■ Maintenance space requirement

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.

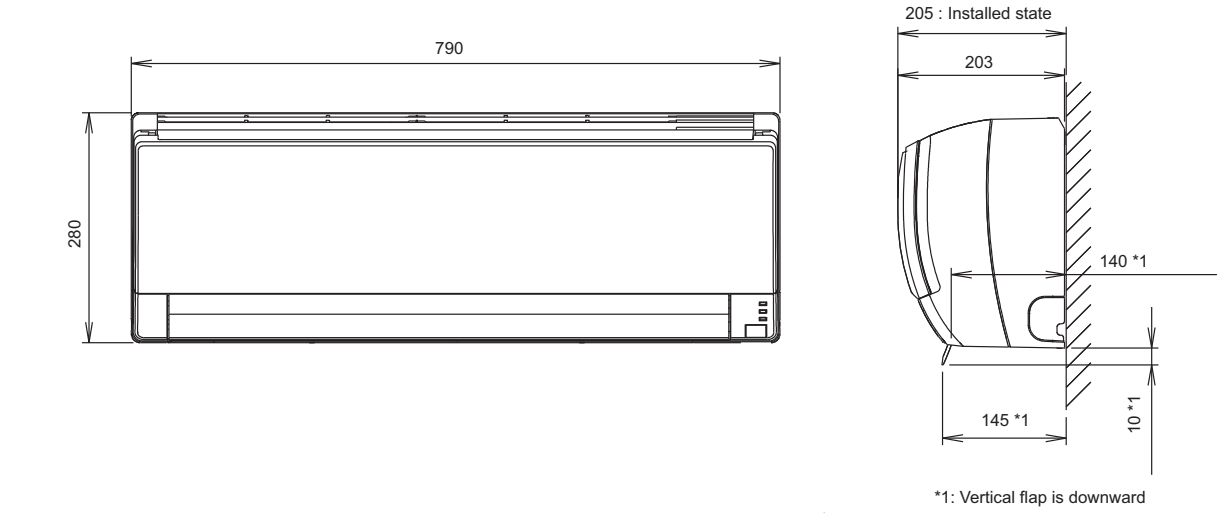
Unit: mm



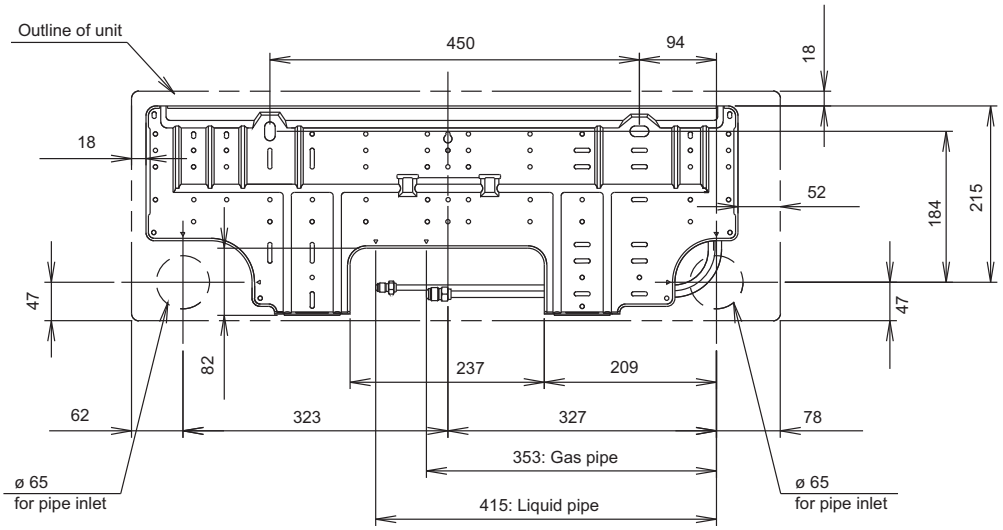
3-4. Wall mounted type

■ Models: ASYG07LJCA, ASYG09LJCA, and ASYG12LJCA

Unit: mm

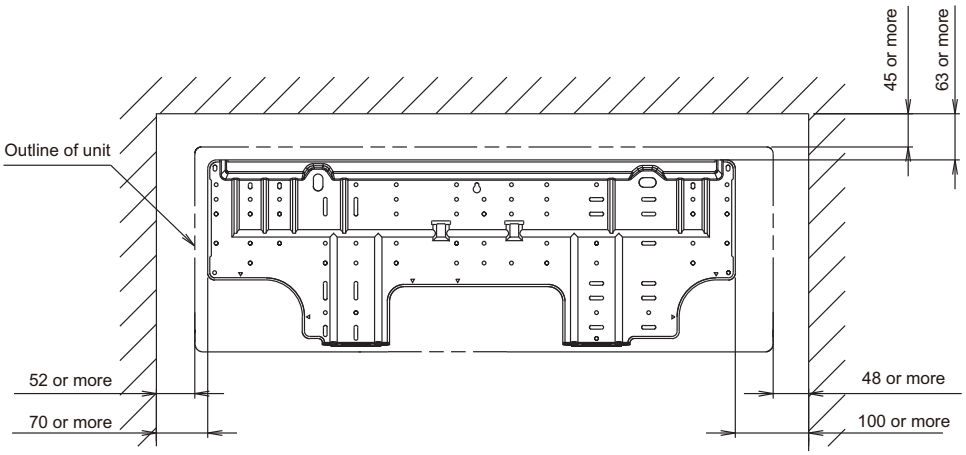


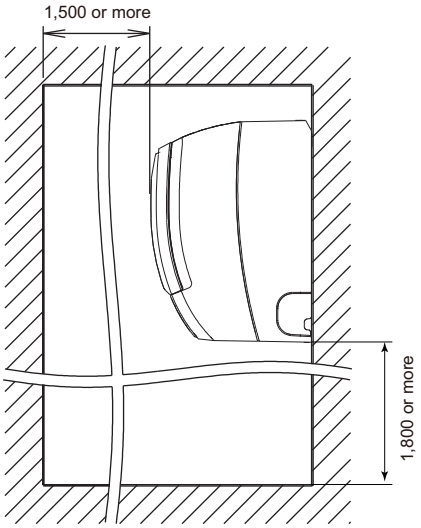
*1: Vertical flap is downward



● Installation space

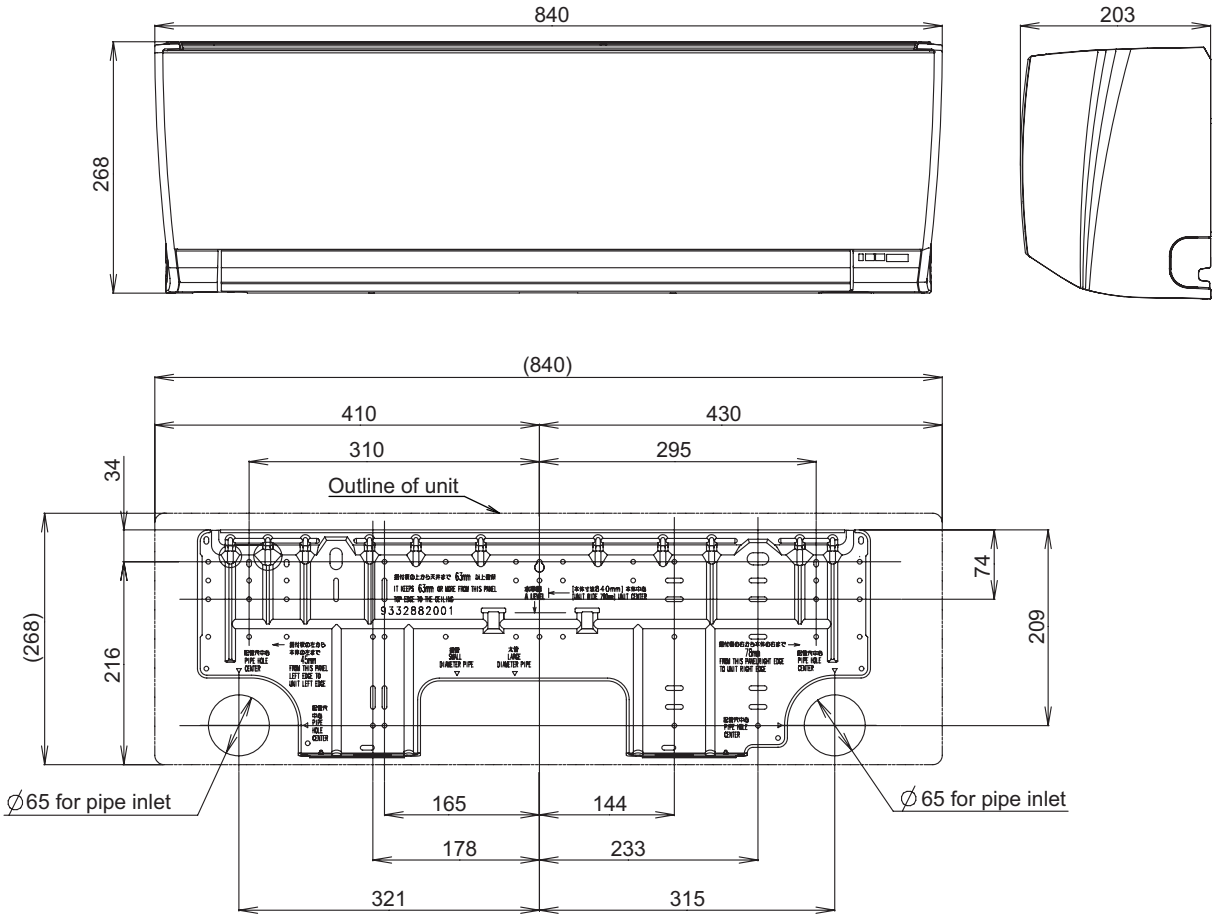
Unit: mm





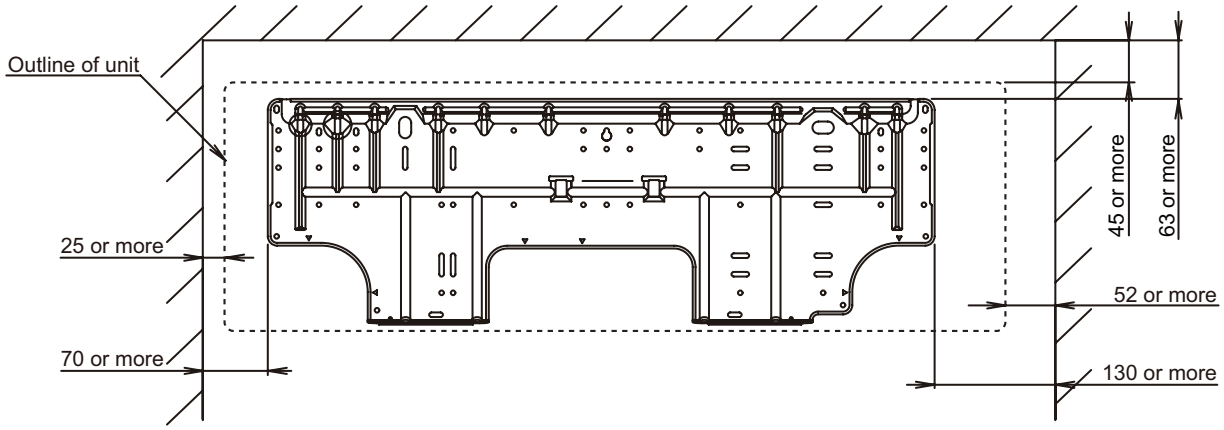
■ Models: ASYG07LMCA, ASYG09LMCA, ASYG12LMCA, and ASYG14LMCA

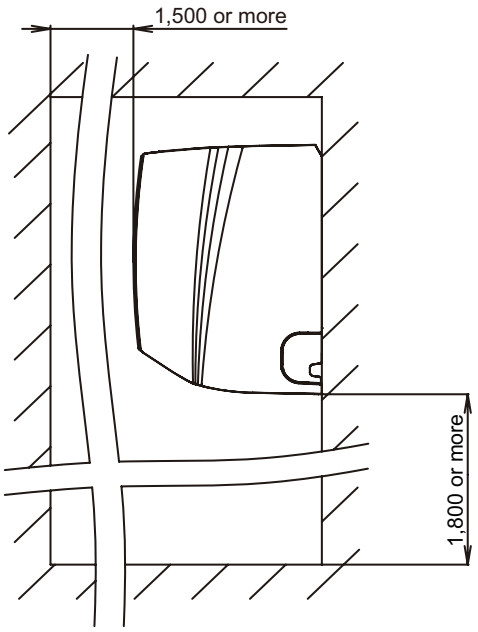
Unit: mm



● Installation space

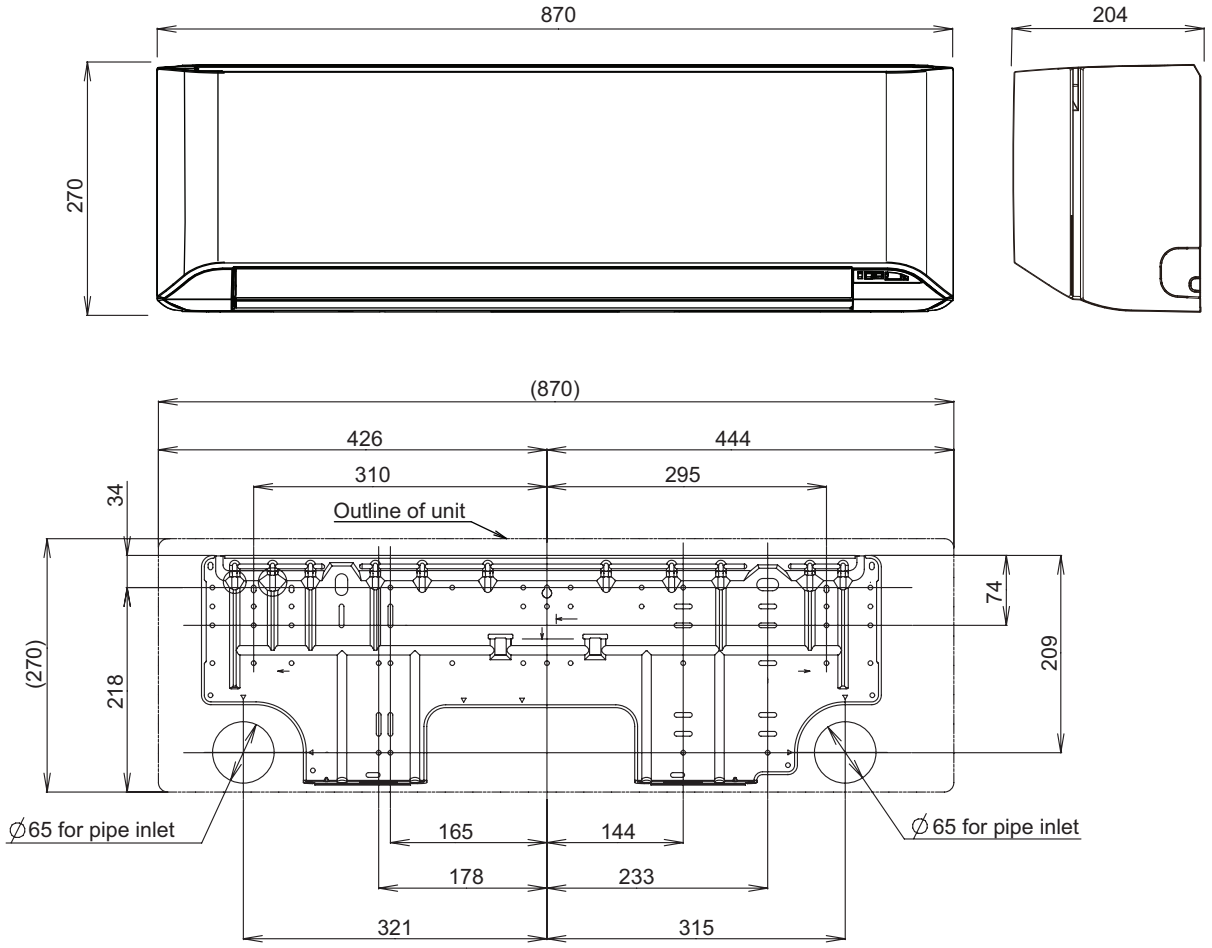
Unit: mm





■ Models: ASYG07LMCE, ASYG09LMCE, ASYG12LMCE, and ASYG14LMCE

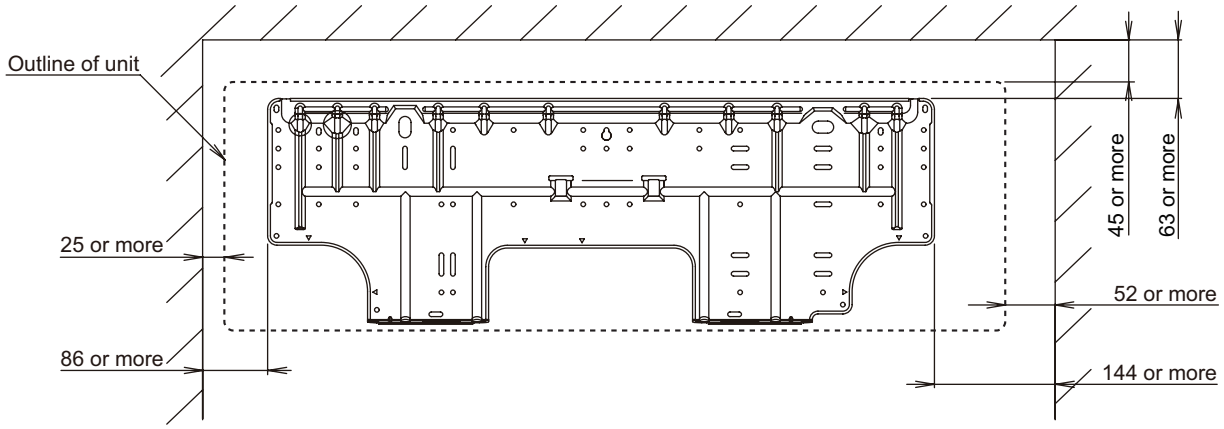
Unit: mm

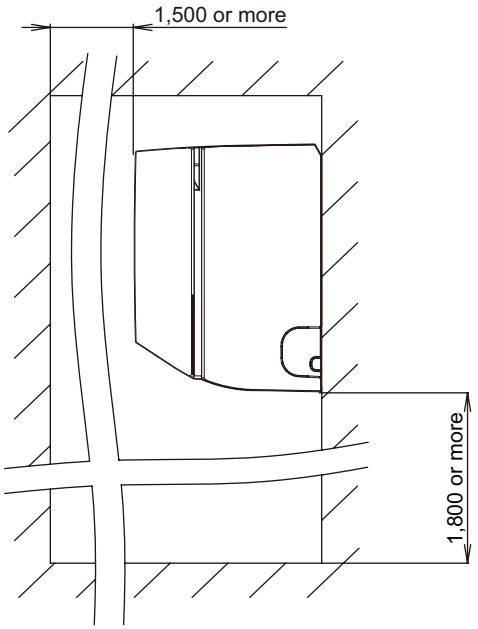


● Installation space requirement

Provide sufficient installation space for product safety.

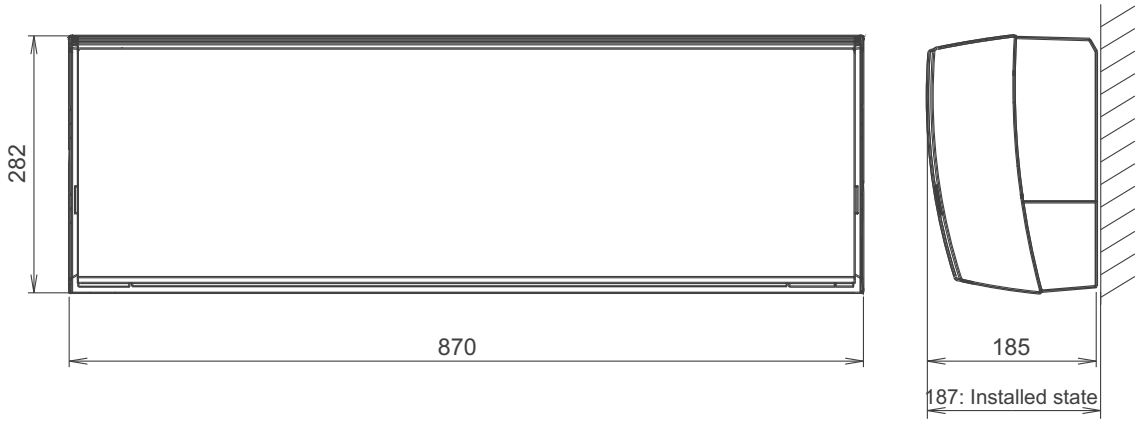
Unit: mm

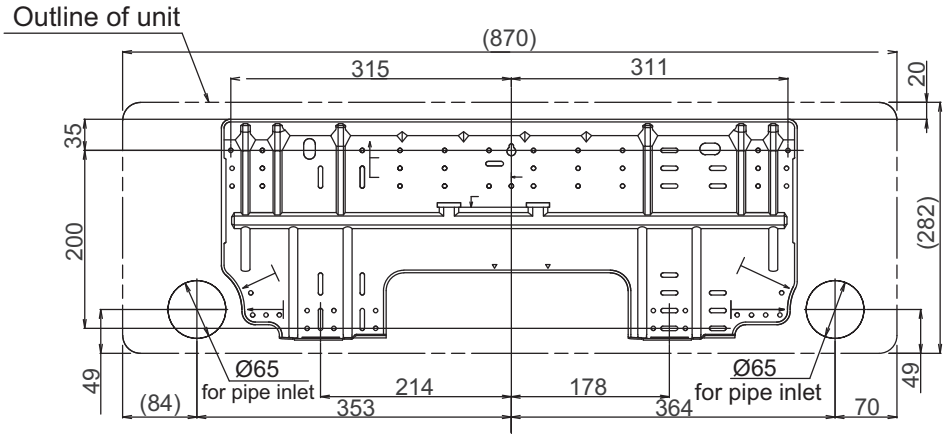




■ Models: ASYG07LUCA, ASYG09LUCA, ASYG12LUCA, and ASYG14LUCA

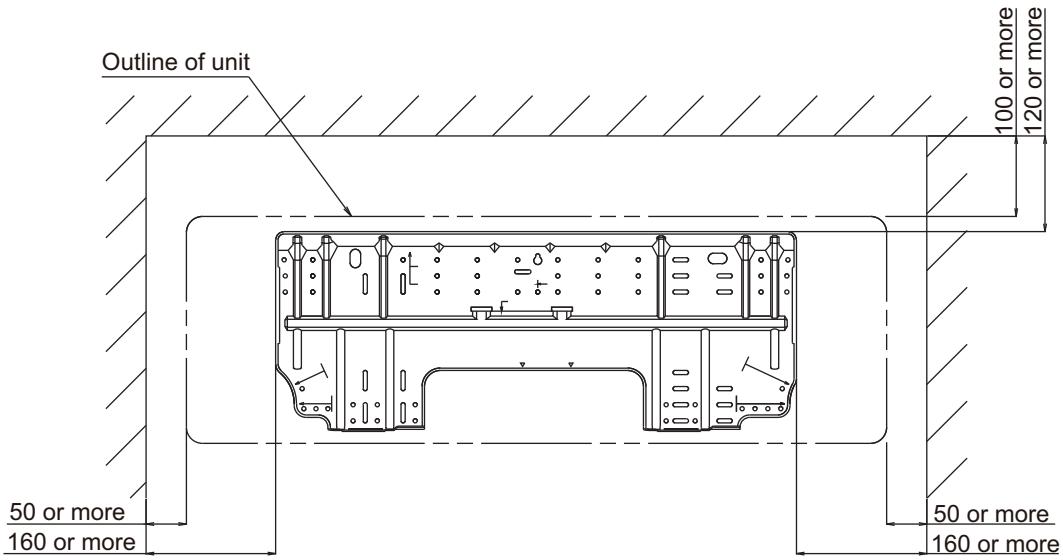
Unit: in (mm)

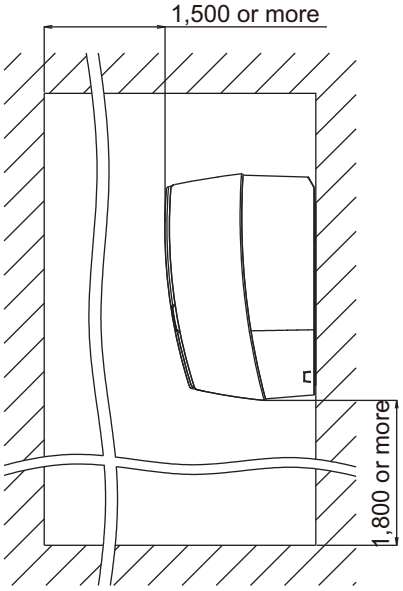


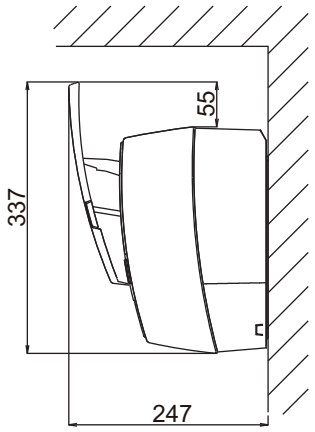


● Installation space

Unit: mm

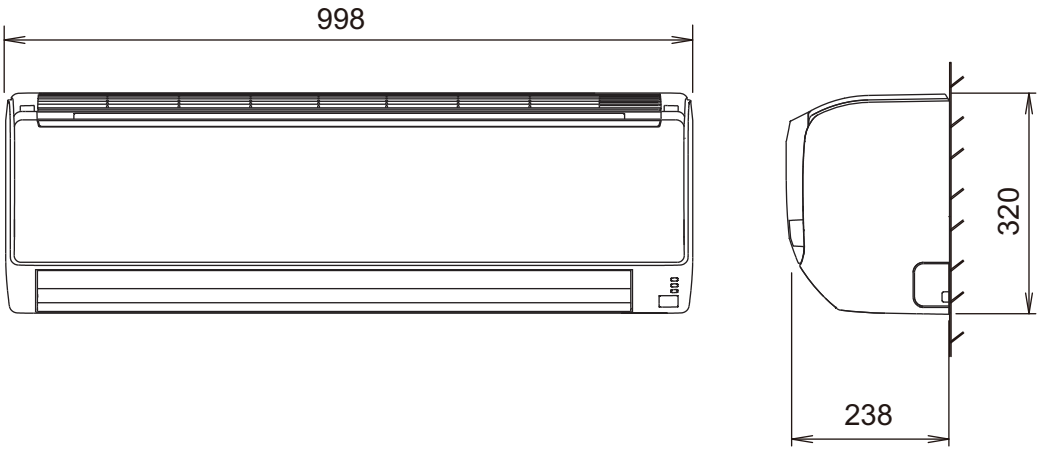


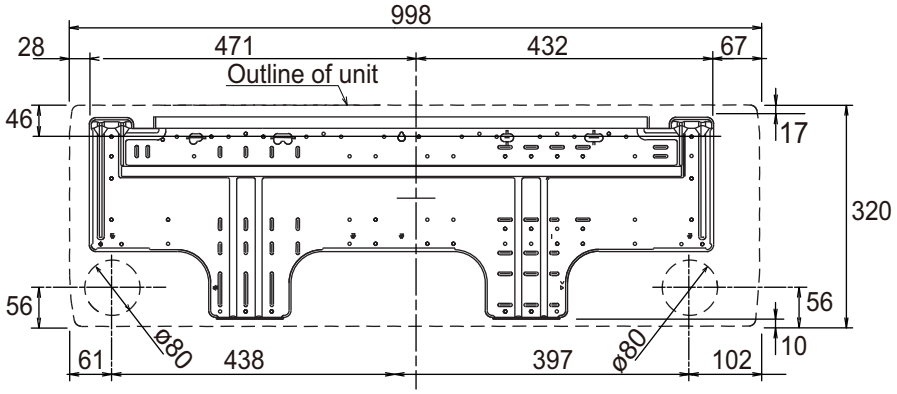




■ Models: ASYG18LFCA, ASYG24LFCA, and ASYG24LFCC

Unit: mm

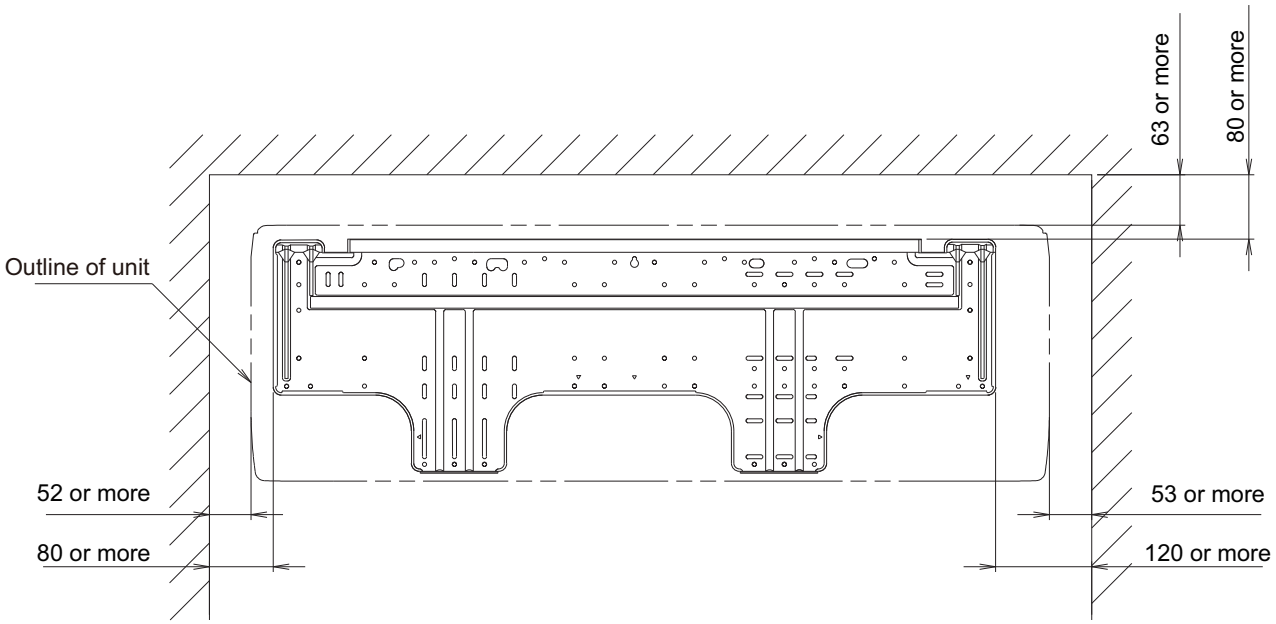


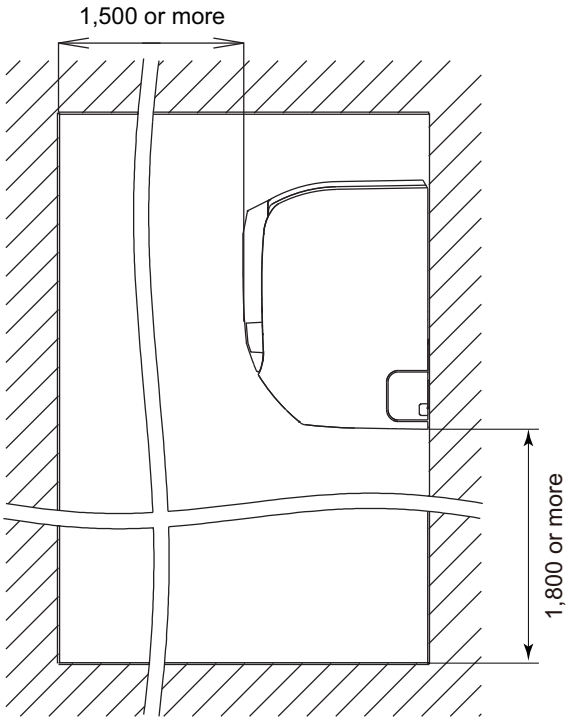


● Installation space

Provide sufficient installation space for product safety.

Unit: mm

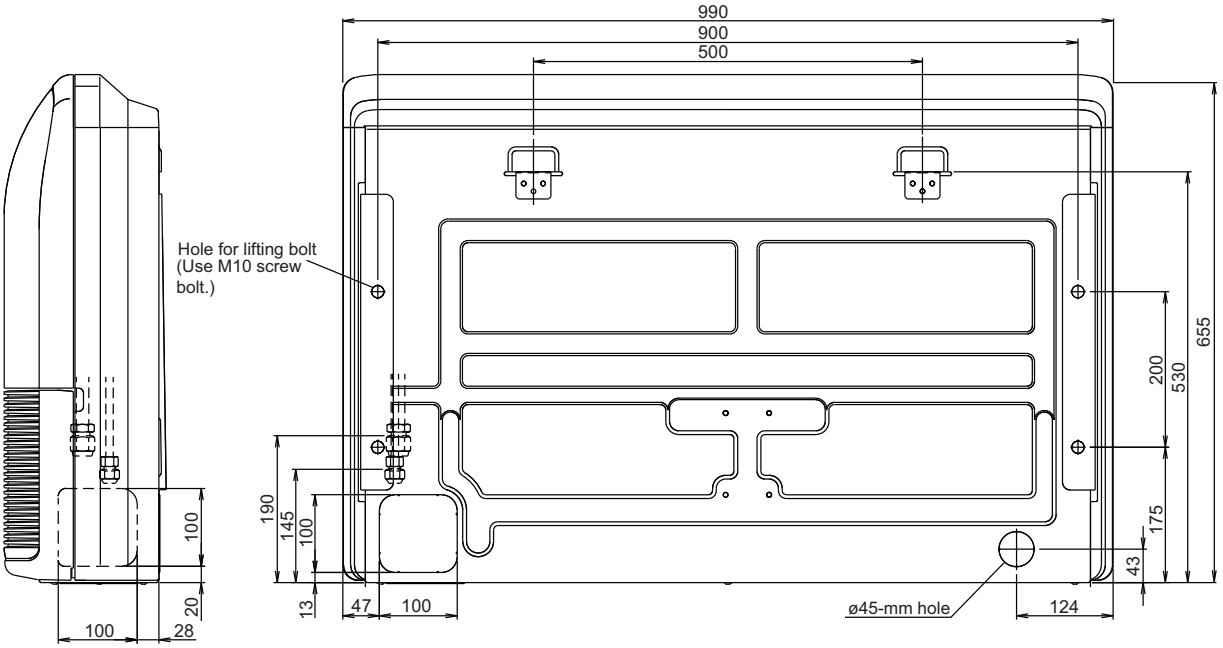




3-5. Floor/Ceiling type

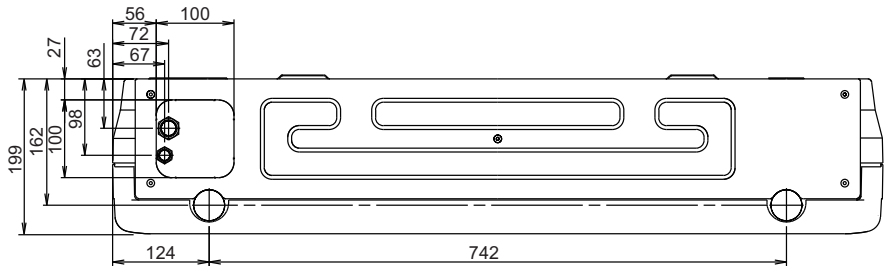
■ Models: ABYG14LVTA, ABYG18LVTA, and ABYG18LVTB

Unit: mm

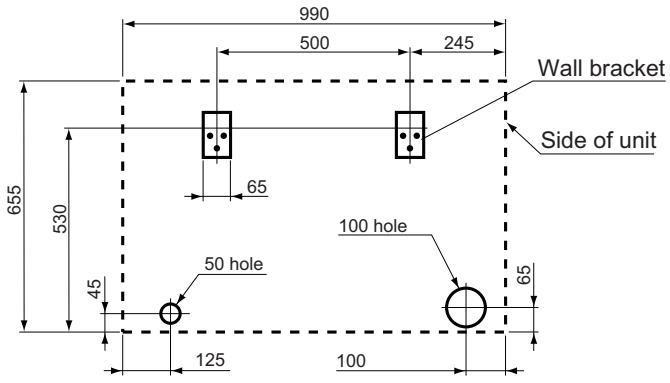


Side view

Rear view

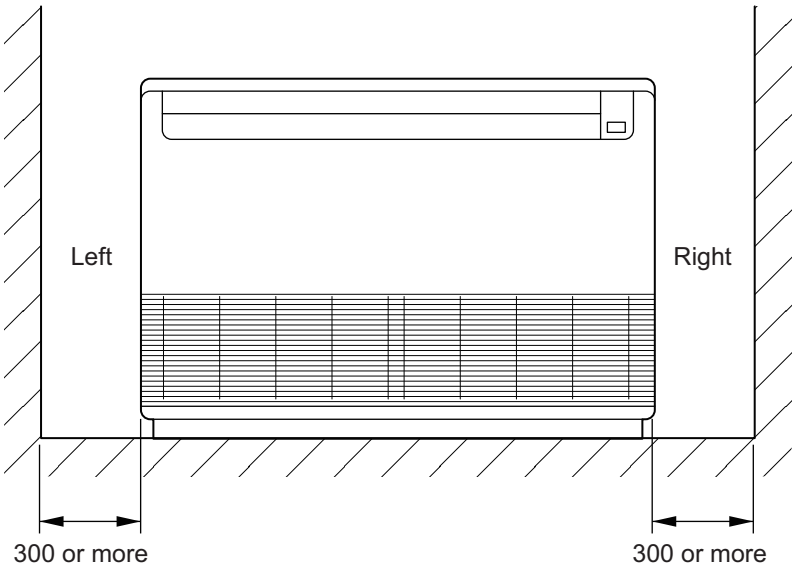


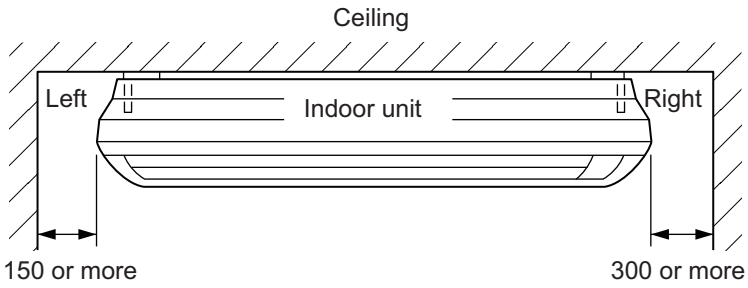
Bottom view

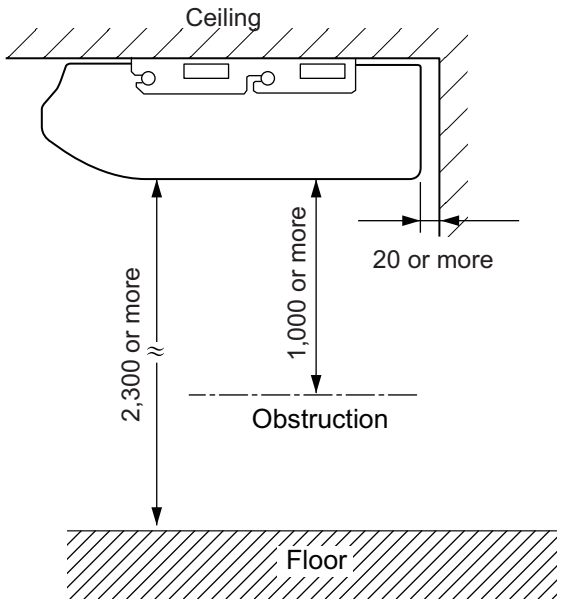


■ Installation space

Unit: mm



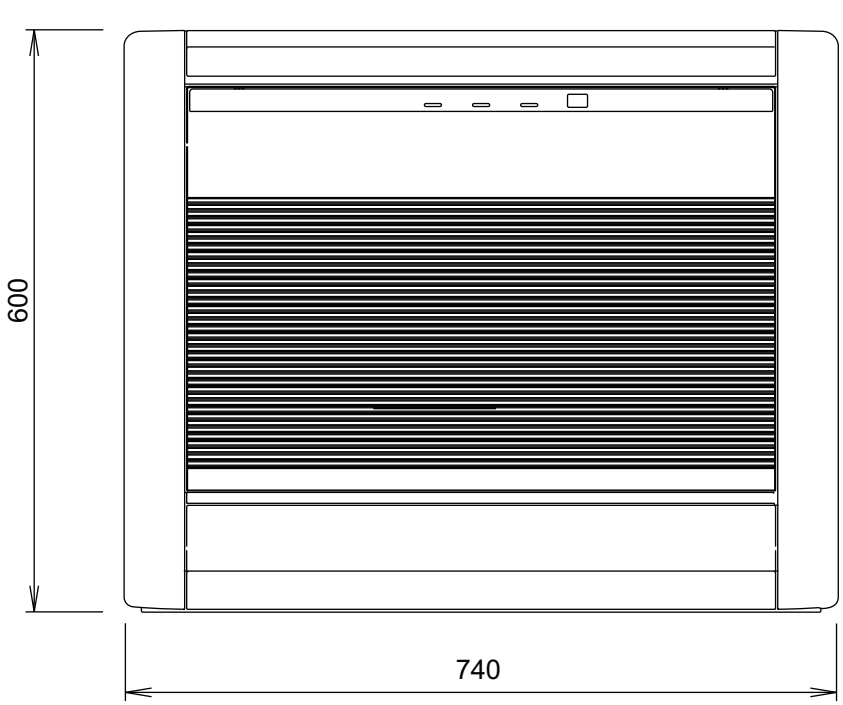




3-6. Floor type

■ Models: AGYG09LVCA, AGYG12LVCA, and AGYG14LVCA

Unit: mm

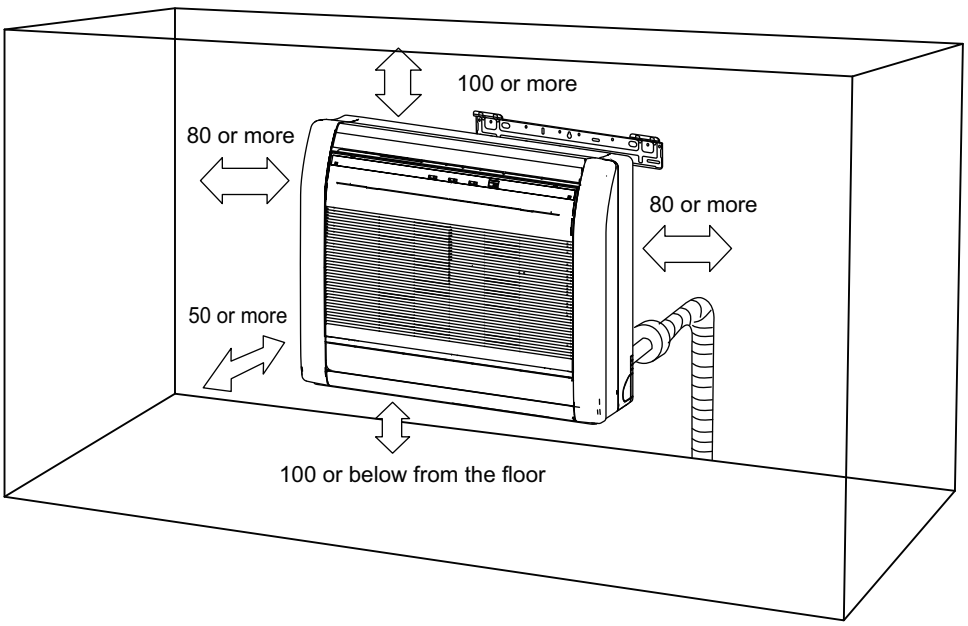


Front view

Side view

■ Installation space

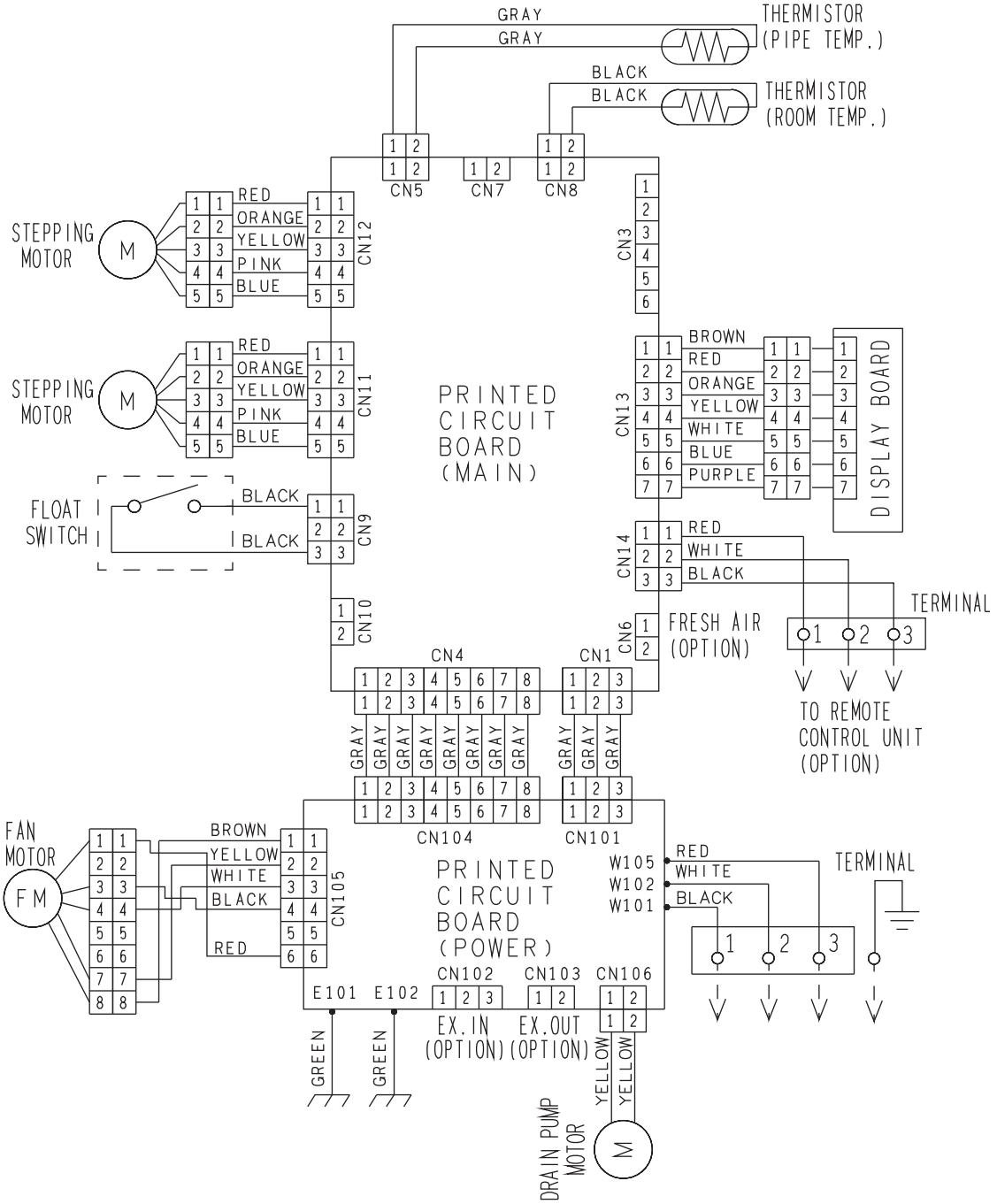
Unit: mm



4. Wiring diagrams

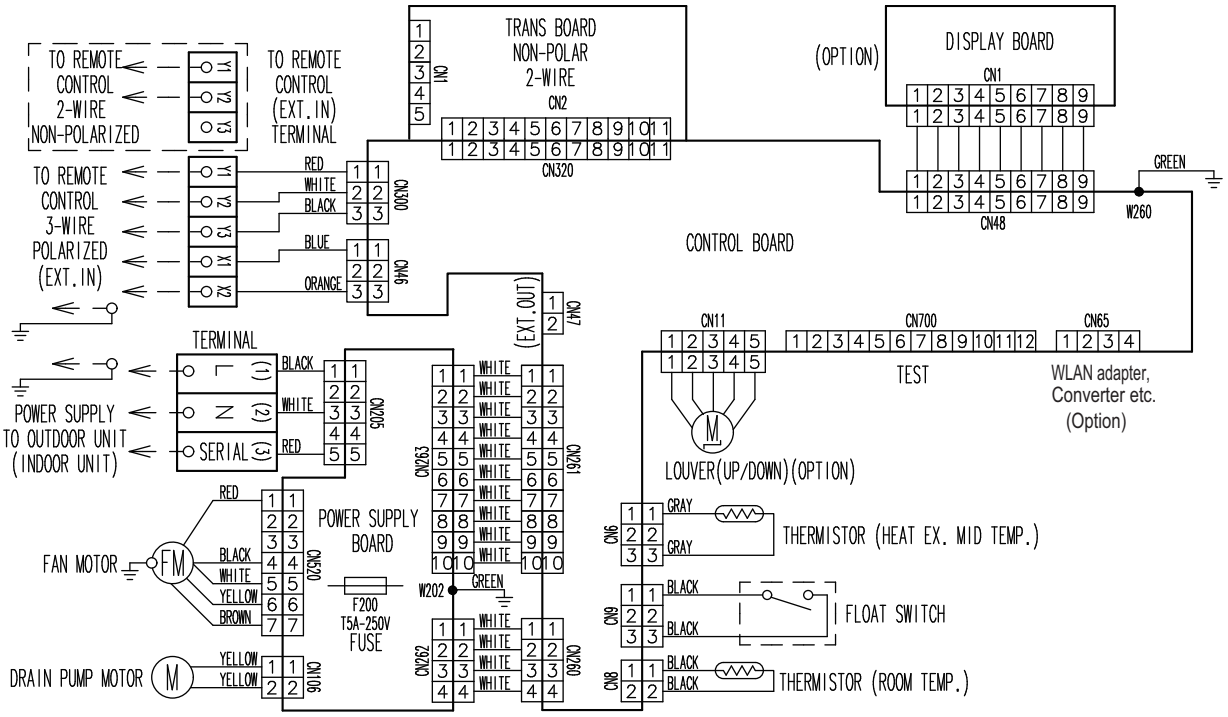
4-1. Compact cassette type

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



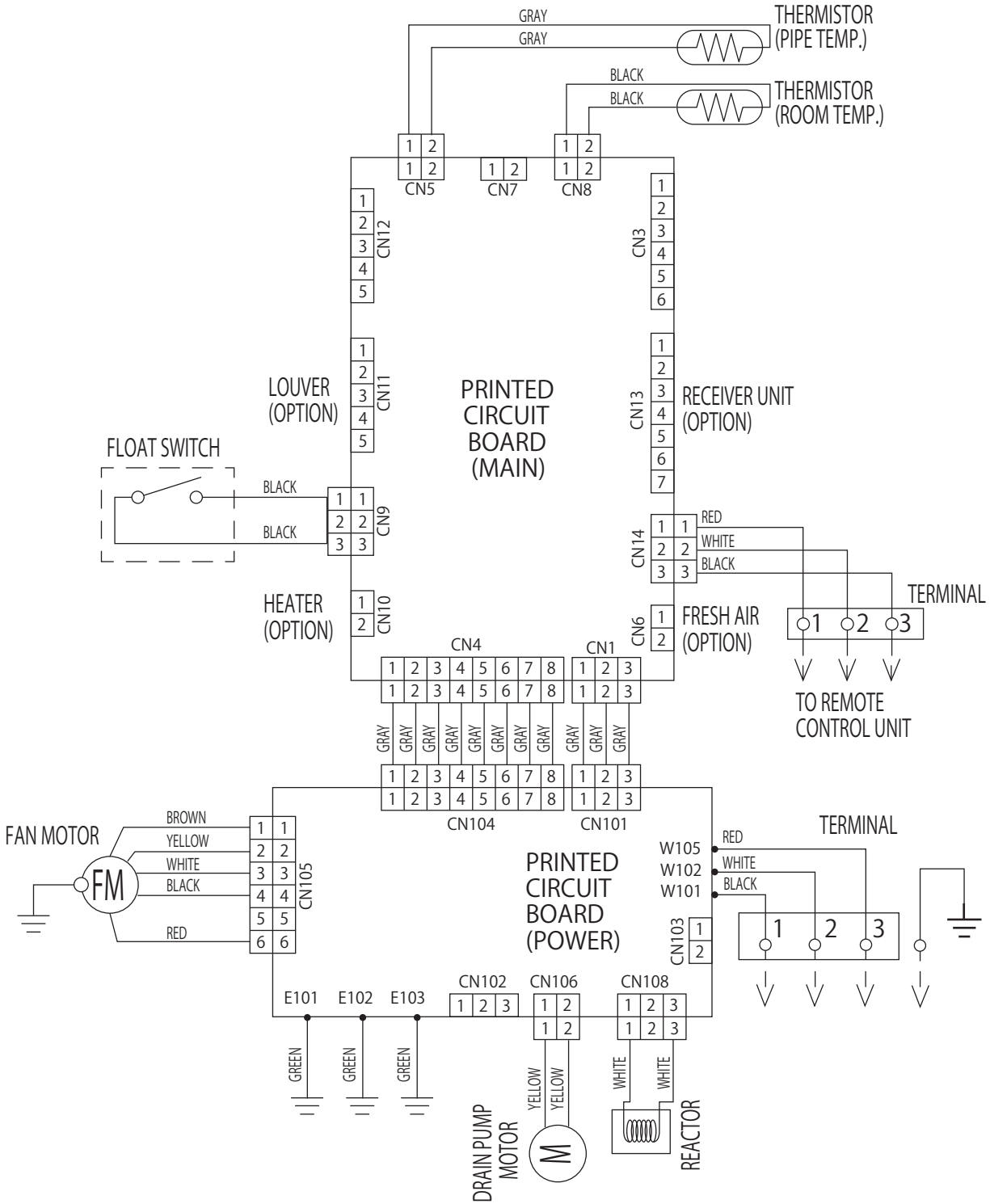
4-2. Mini duct type

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



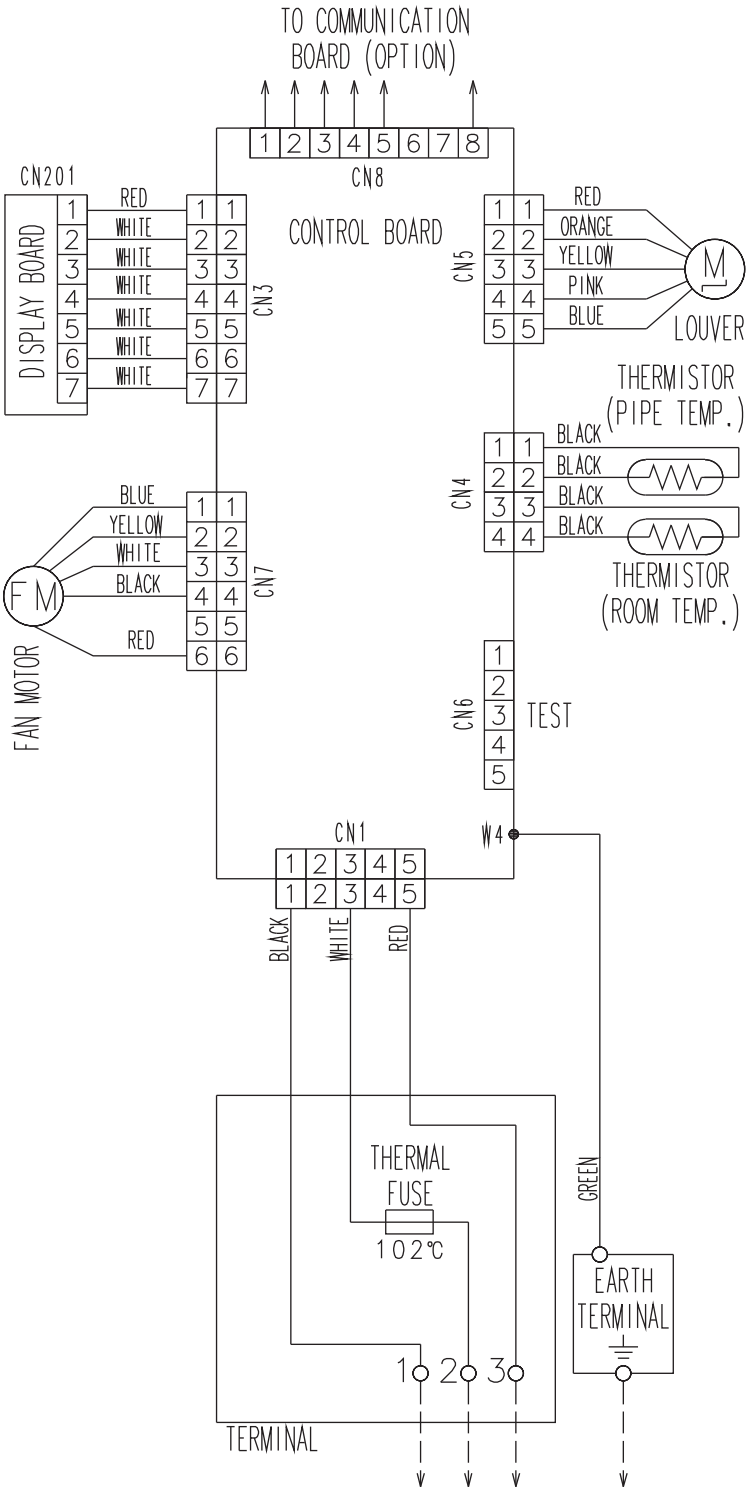
4-3. Slim duct type

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

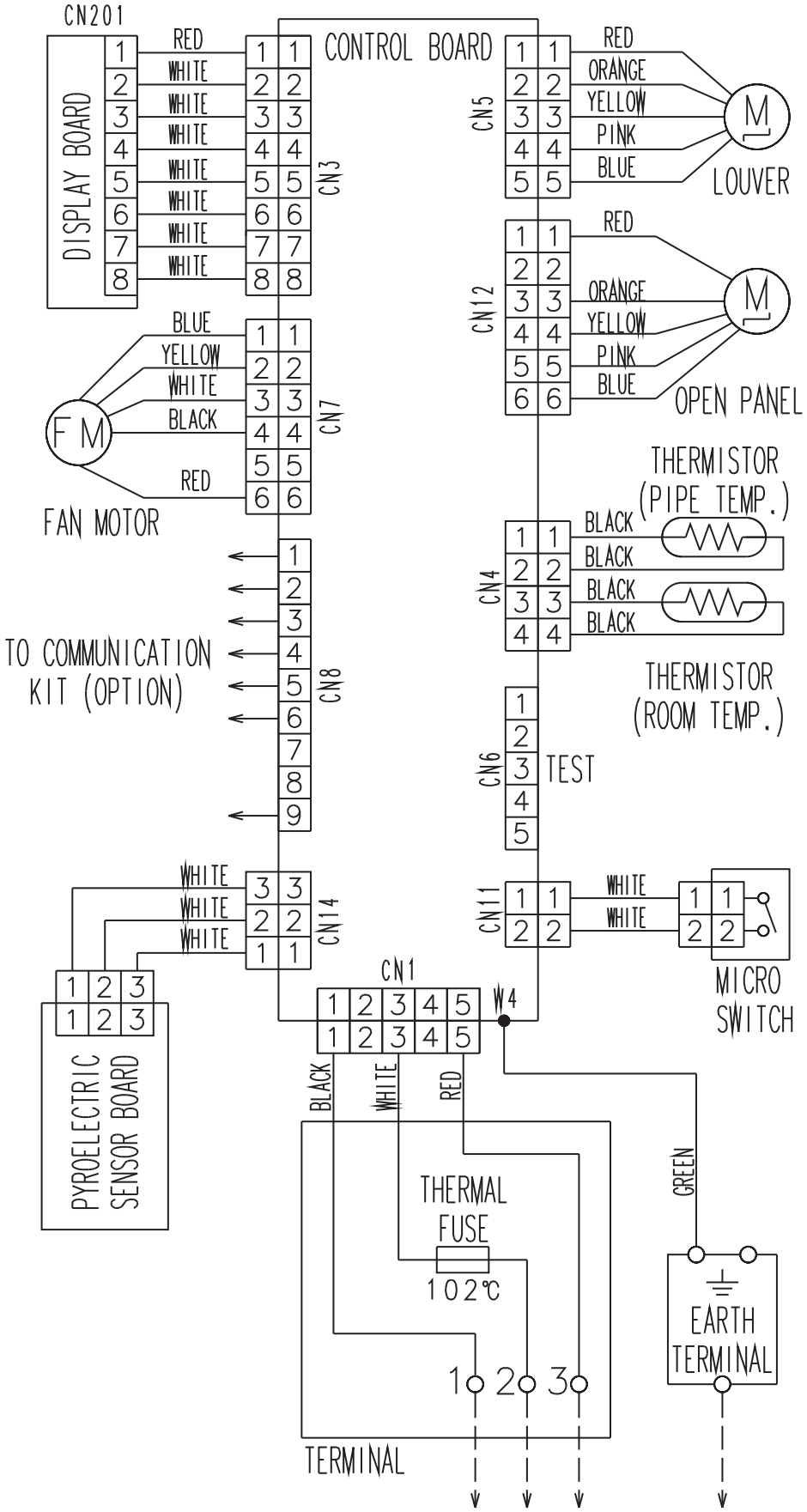


4-4. Wall mounted type

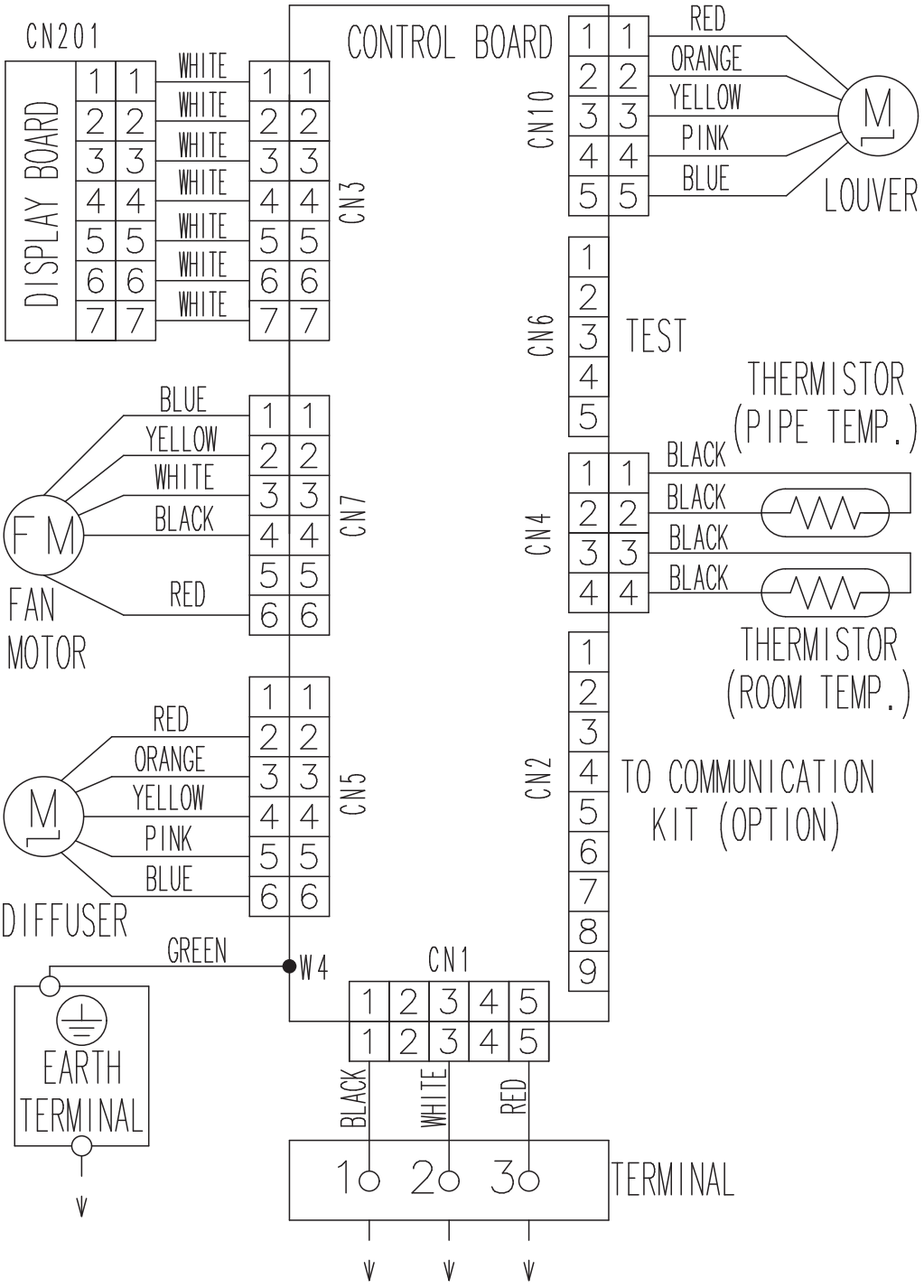
■ Models: ASYG07LJCA, ASYG09LJCA, and ASYG12LJCA



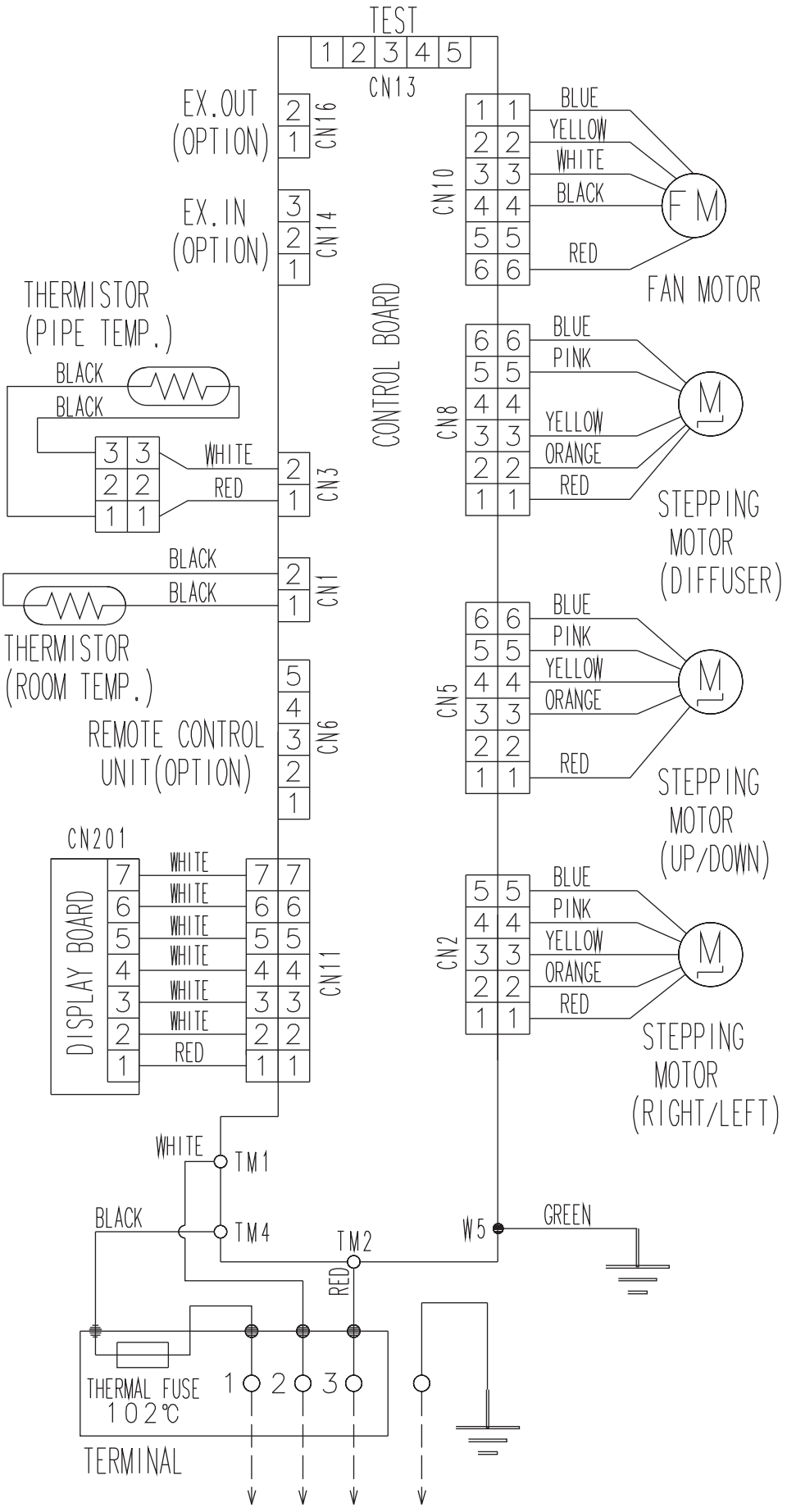
■ Models: ASYG07LUCA, ASYG09LUCA, ASYG12LUCA, and ASYG14LUCA



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

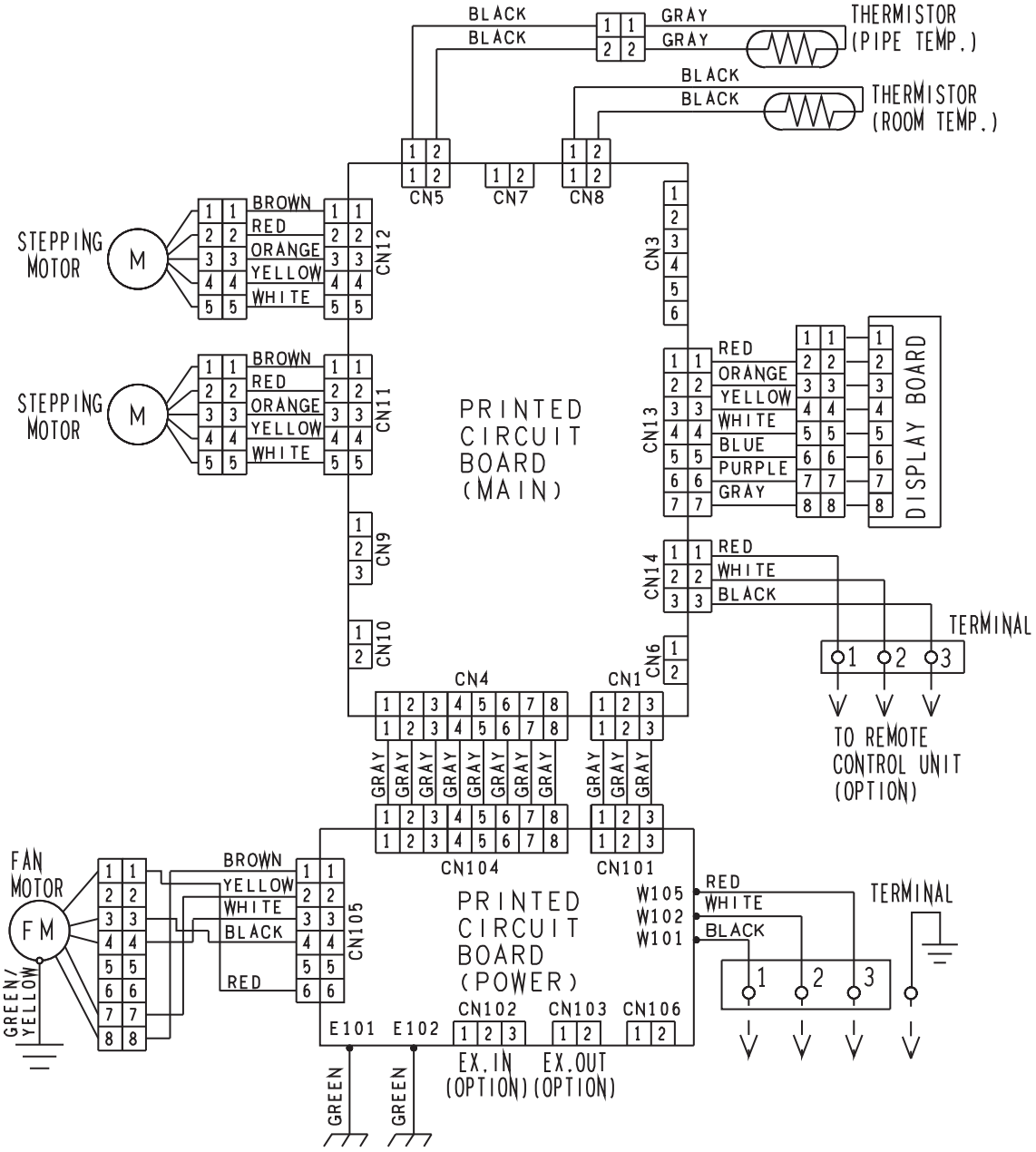


■ Models: ASYG18LFCA, ASYG24LFCA, and ASYG24LFCC



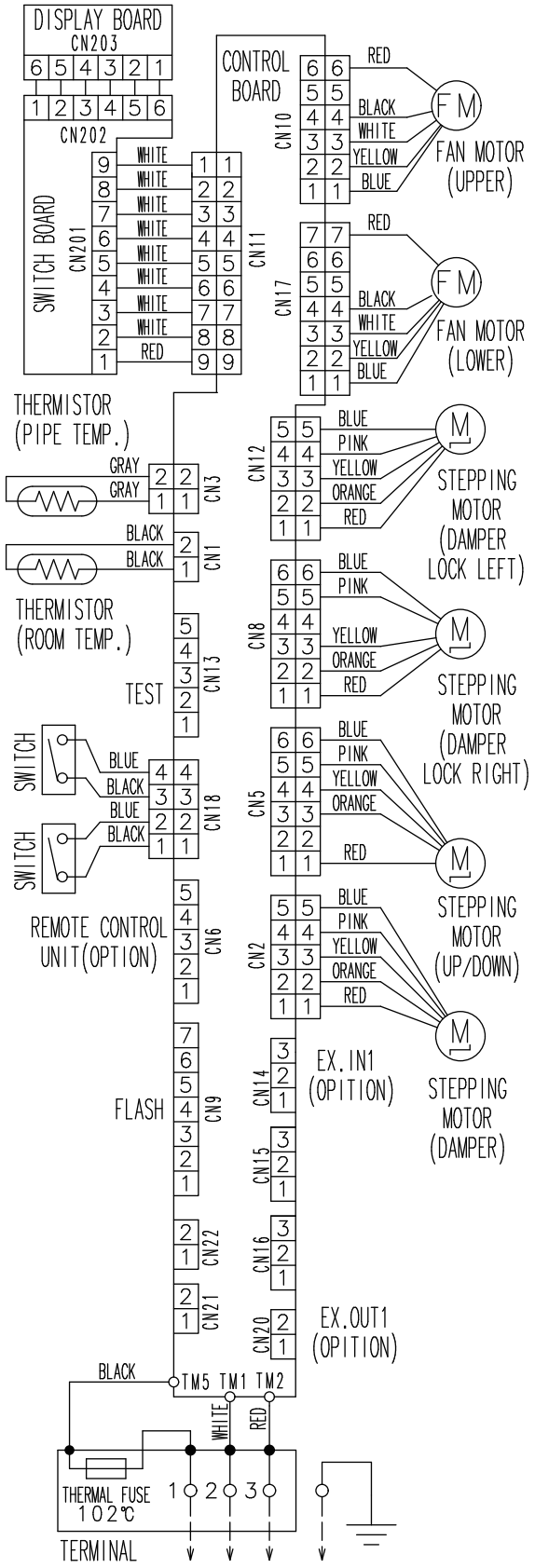
4-5. Floor/Ceiling type

■ Models: ABYG14LVTA, ABYG18LVTA, and ABYG18LVTB



4-6. Floor type

■ Models: AGYG09LVCA, AGYG12LVCA, and AGYG14LVCA



5. Air velocity and temperature distributions

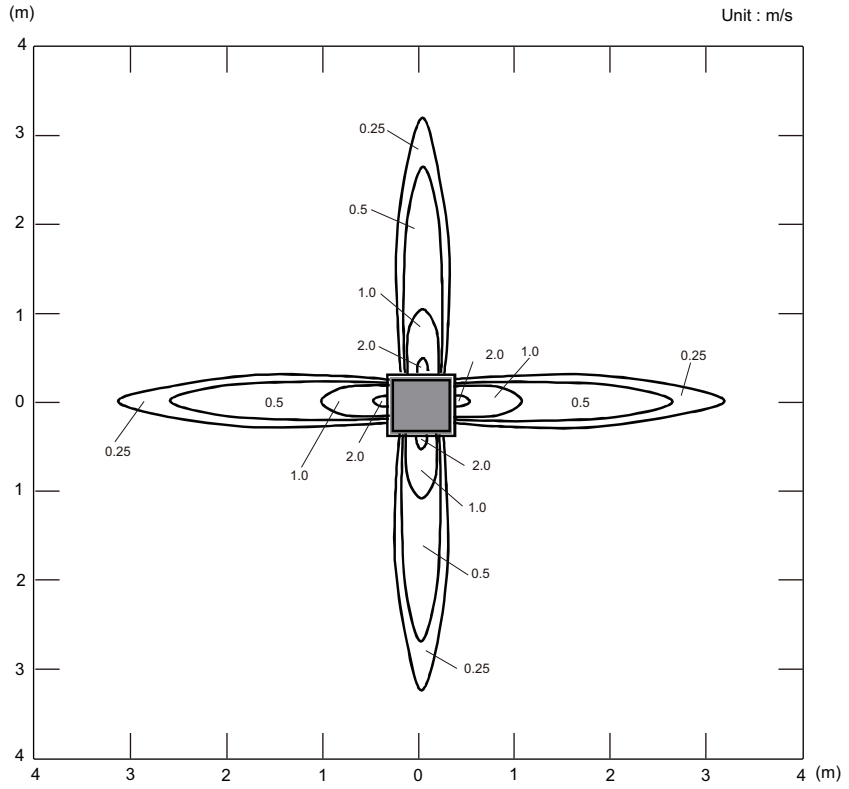
5-1. Compact cassette type

■ Models: AUYG07LVLA and AUYG09LVLA

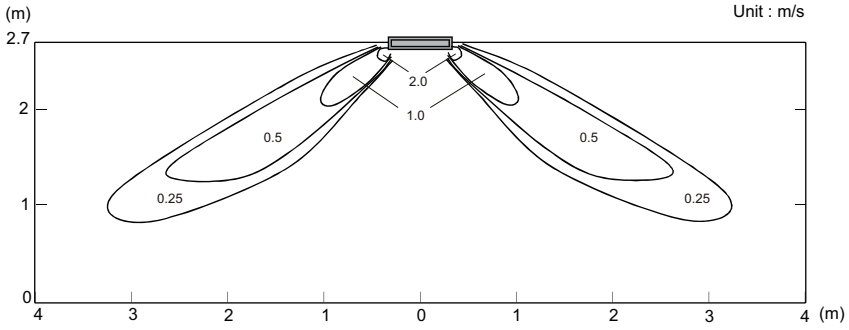
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

Top view
Vertical airflow direction louver: up



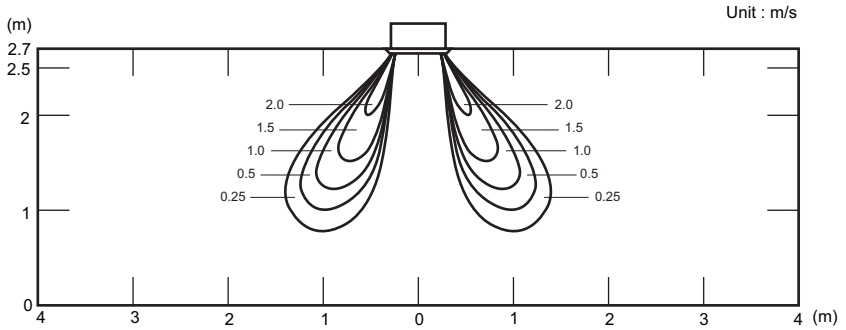
Side view
Vertical airflow direction louver: up



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode	Outlet directions
NOTE: Reference data	HIGH	HEAT	4-way air outlet

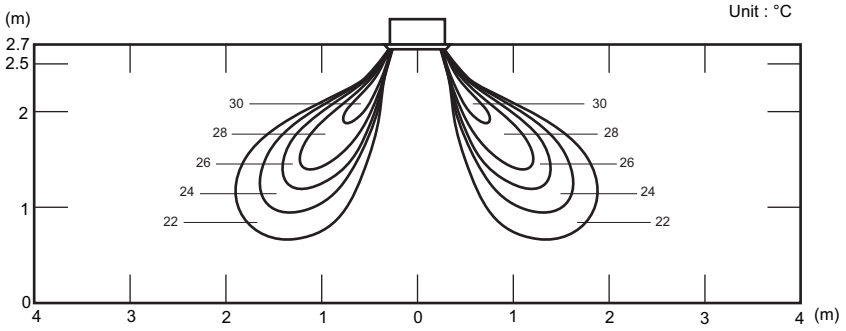
Side view
Vertical airflow direction louver: down



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode	Outlet directions
NOTE: Reference data	HIGH	HEAT	4-way air outlet

Side view
Vertical airflow direction louver: down

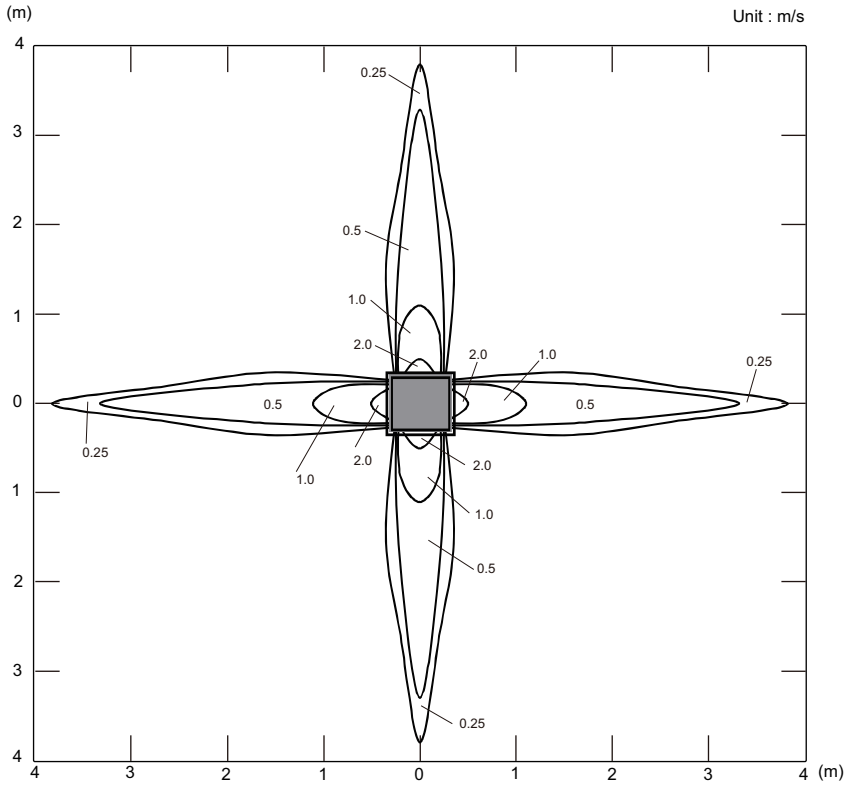


■ Models: AUYG12LVLA and AUYG12LVLB

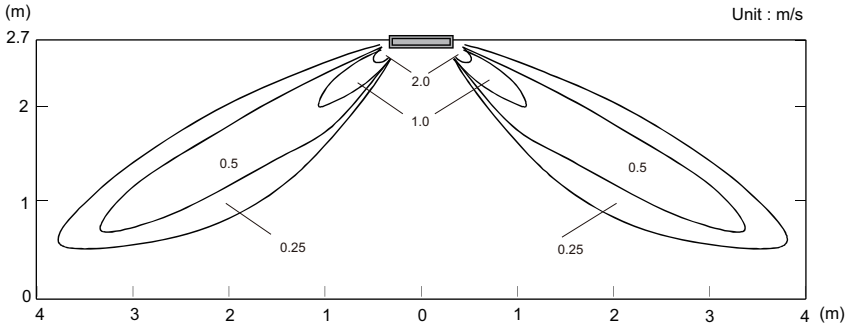
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

Top view
Vertical airflow direction louver: up



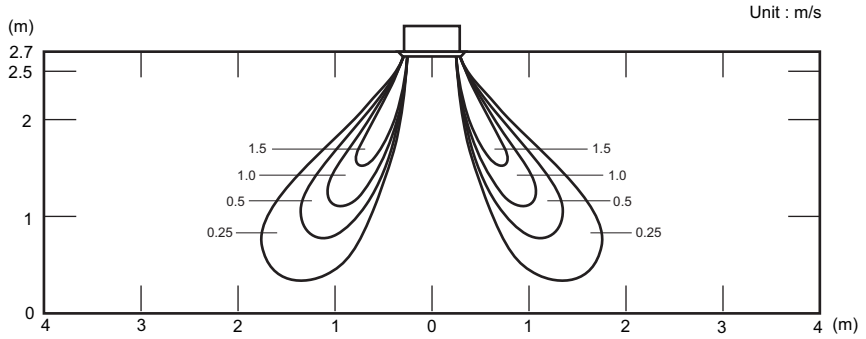
Side view
Vertical airflow direction louver: up



- Air velocity distribution

Measuring conditions **NOTE:**Reference data	Fan speed	Operation mode	Outlet directions
	HIGH	HEAT	4-way air outlet

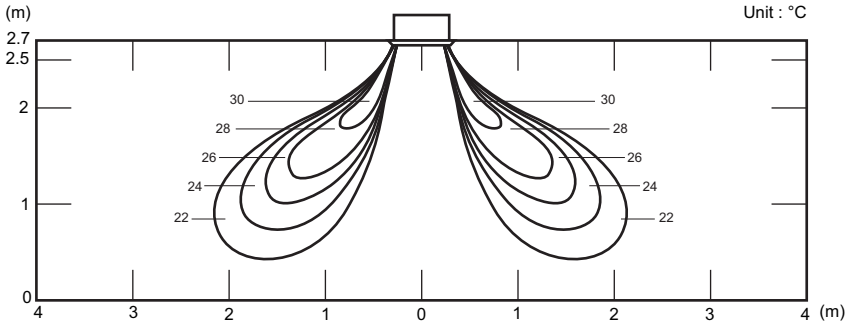
Side view
Vertical airflow direction louver: down



- Air temperature distribution

Measuring conditions **NOTE:**Reference data	Fan speed	Operation mode	Outlet directions
	HIGH	HEAT	4-way air outlet

Side view
Vertical airflow direction louver: down

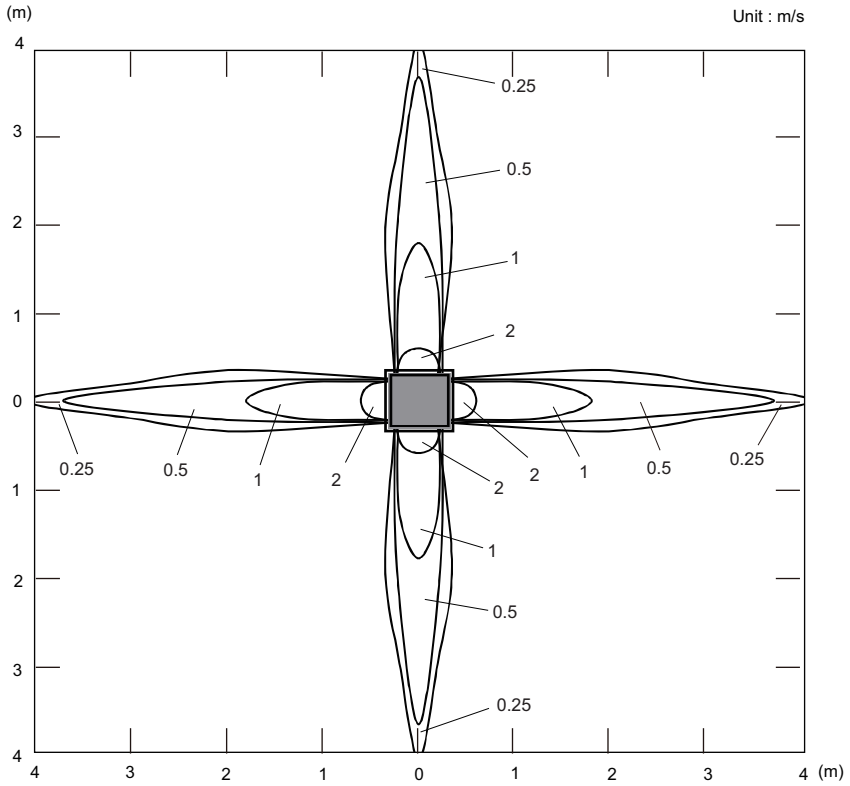


■ Models: AUYG14LVLA and AUYG14LVLB

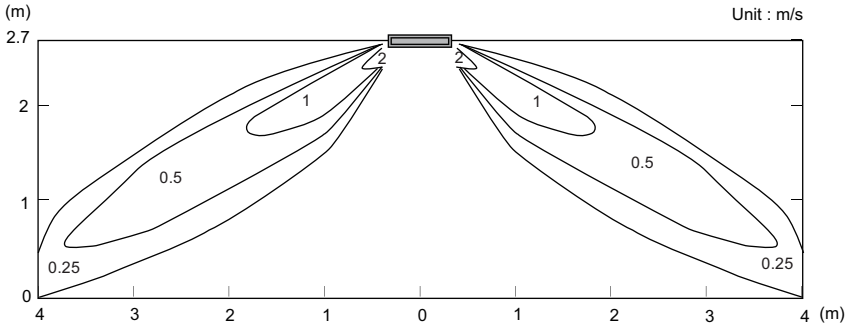
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

Top view
Vertical airflow direction louver: up



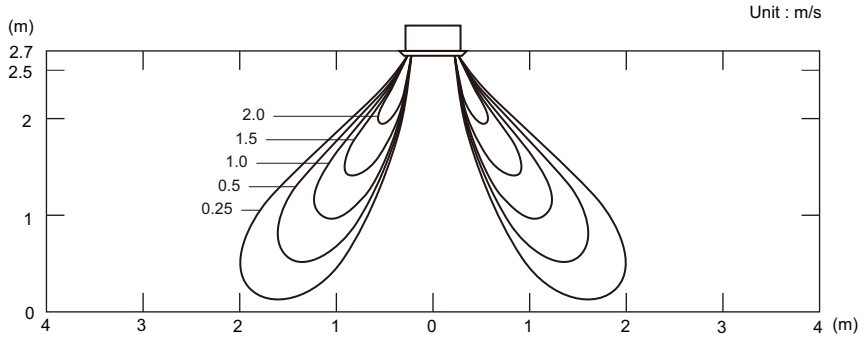
Side view
Vertical airflow direction louver: up



- Air velocity distribution

Measuring conditions **NOTE:**Reference data	Fan speed	Operation mode	Outlet directions
	HIGH	HEAT	4-way air outlet

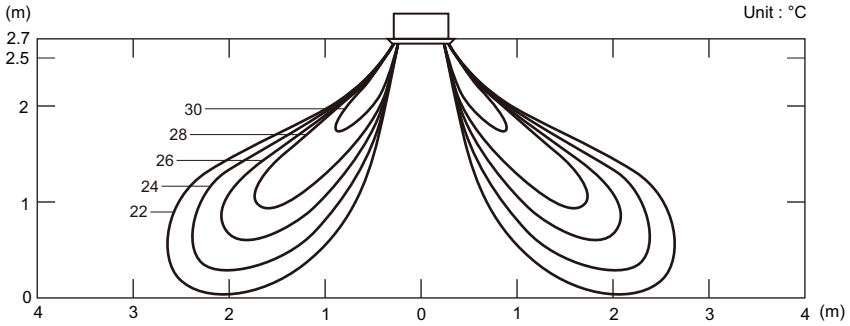
Side view
Vertical airflow direction louver: down



- Air temperature distribution

Measuring conditions **NOTE:**Reference data	Fan speed	Operation mode	Outlet directions
	HIGH	HEAT	4-way air outlet

Side view
Vertical airflow direction louver: down

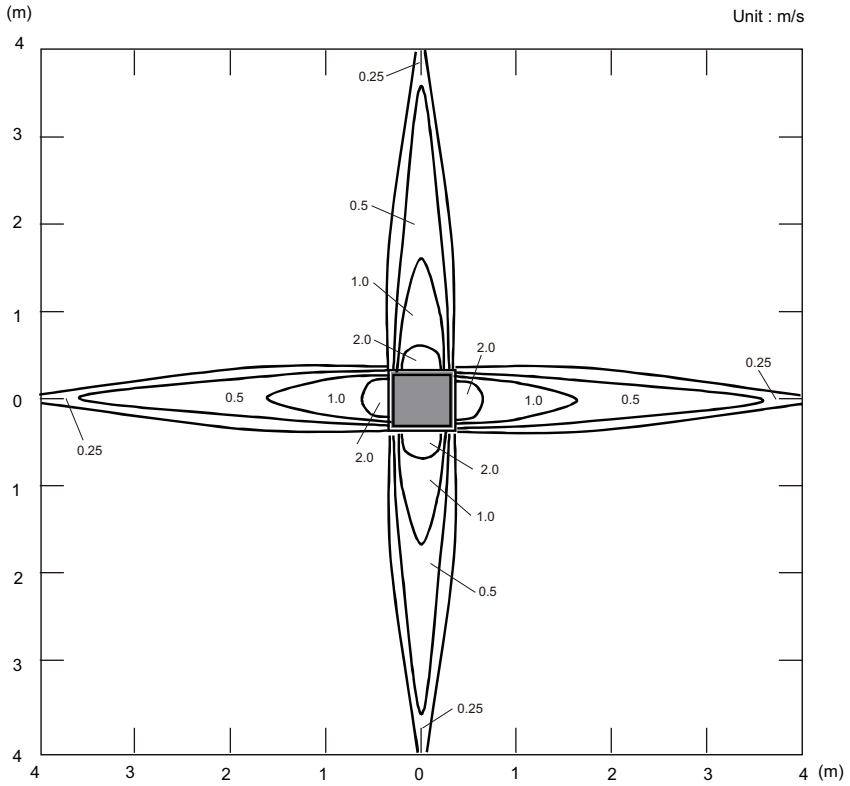


■ Models: AUYG18LVLA and AUYG18LVLB

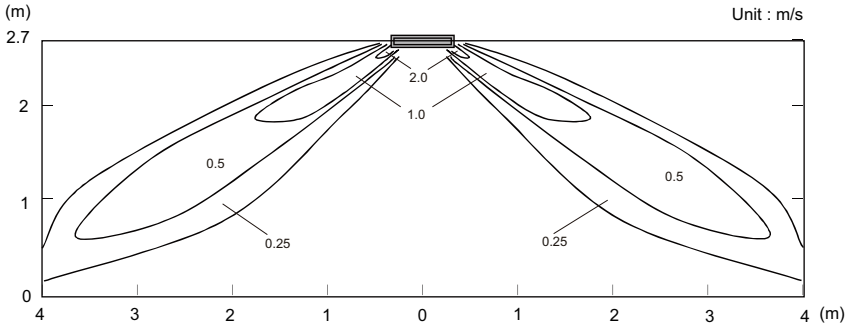
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

Top view
Vertical airflow direction louver: up



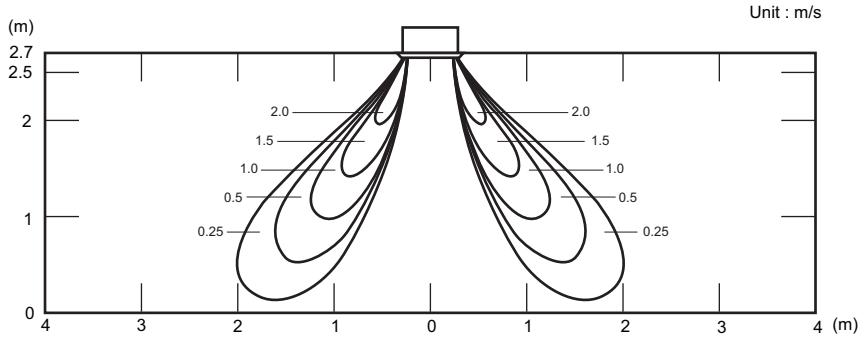
Side view
Vertical airflow direction louver: up



- Air velocity distribution

Measuring conditions **NOTE:**Reference data	Fan speed	Operation mode	Outlet directions
	HIGH	HEAT	4-way air outlet

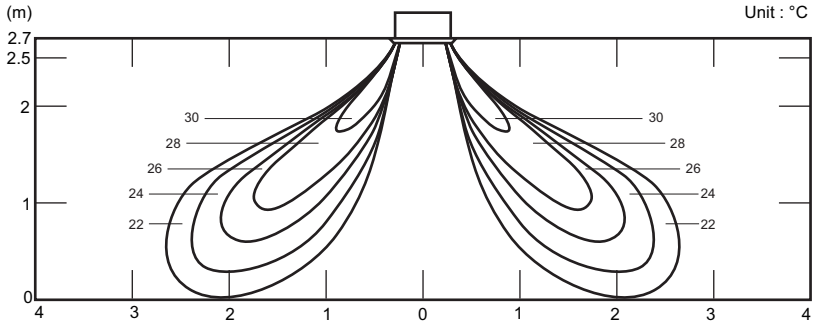
Side view
Vertical airflow direction louver: down



- Air temperature distribution

Measuring conditions **NOTE:**Reference data	Fan speed	Operation mode	Outlet directions
	HIGH	HEAT	4-way air outlet

Side view
Vertical airflow direction louver: down



5-2. Mini duct type

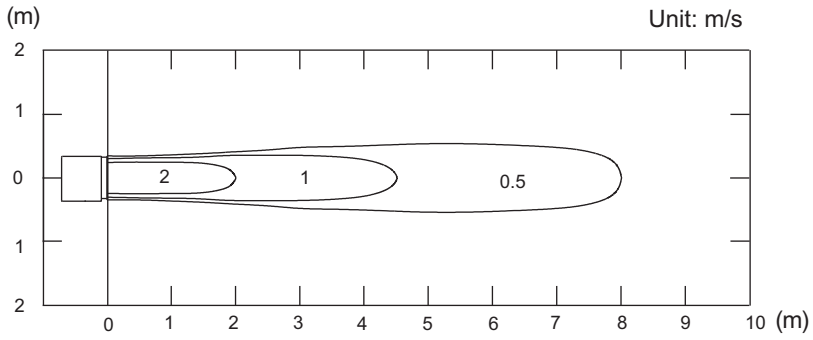
■ Model: ARYG07LSLAP

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

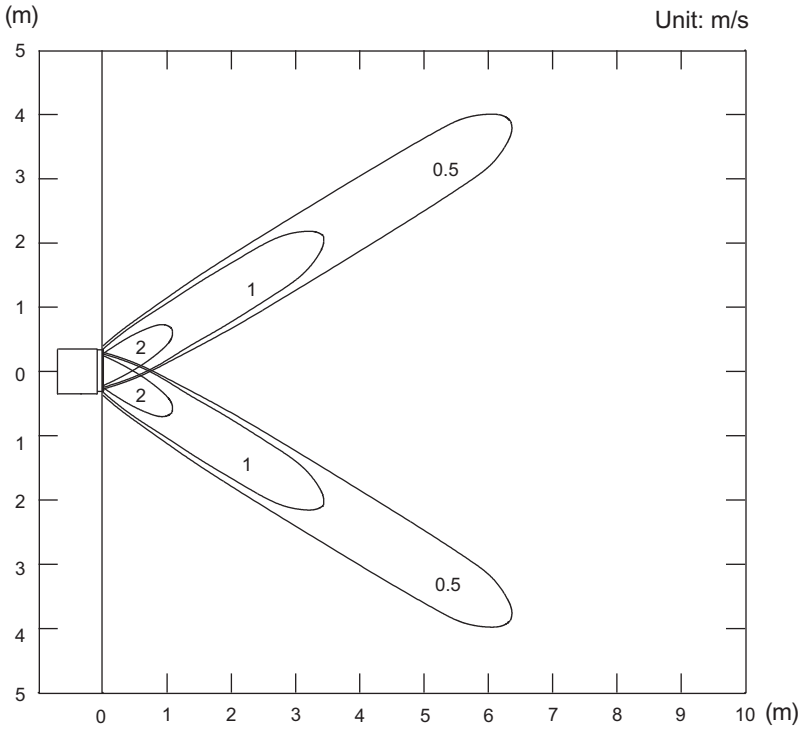
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

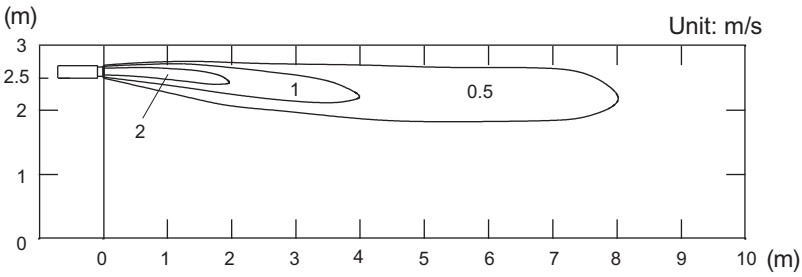
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



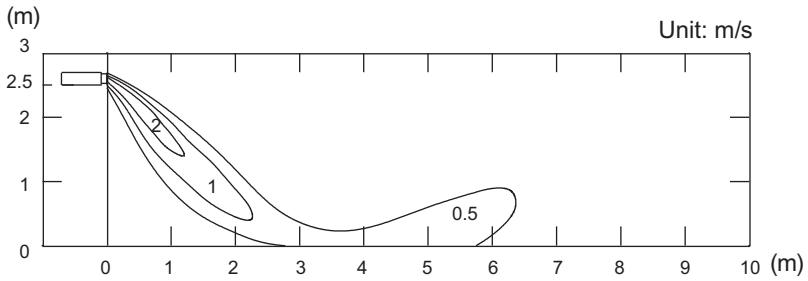
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

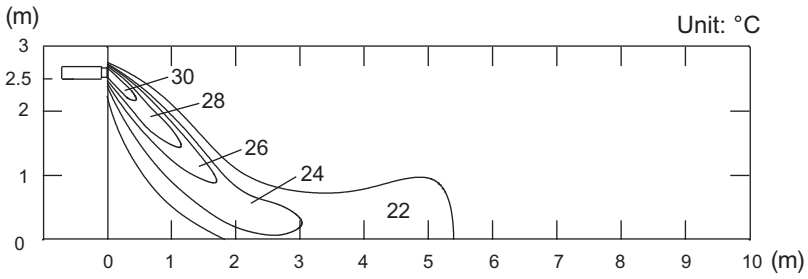
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

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



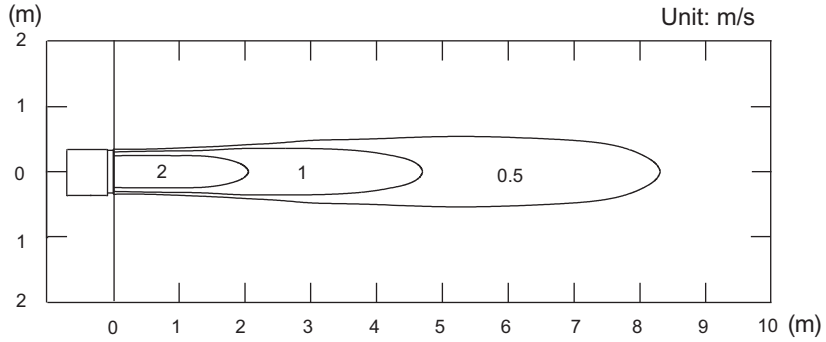
■ Model: ARYG09LSLAP

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

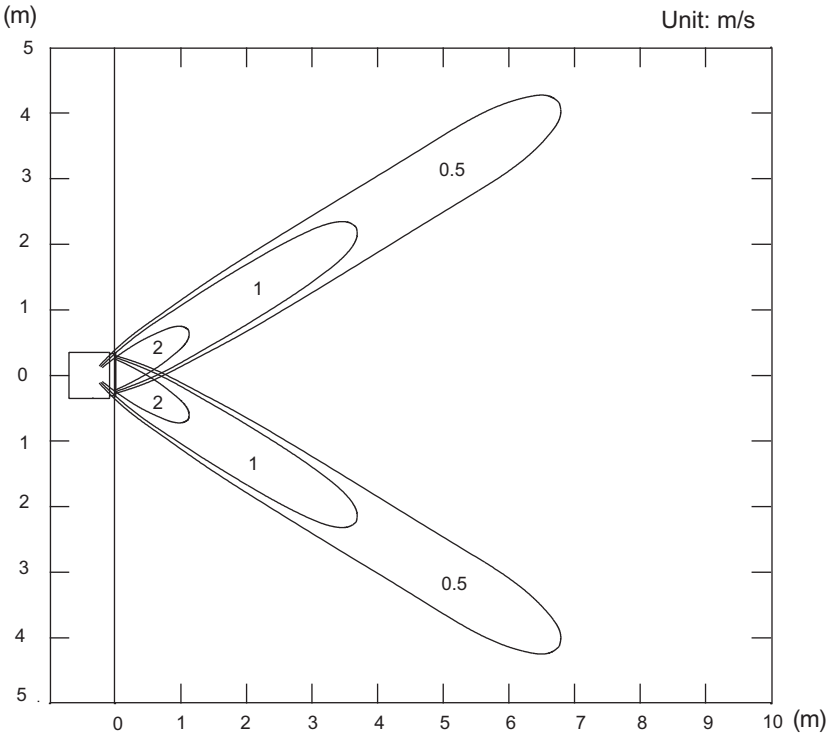
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

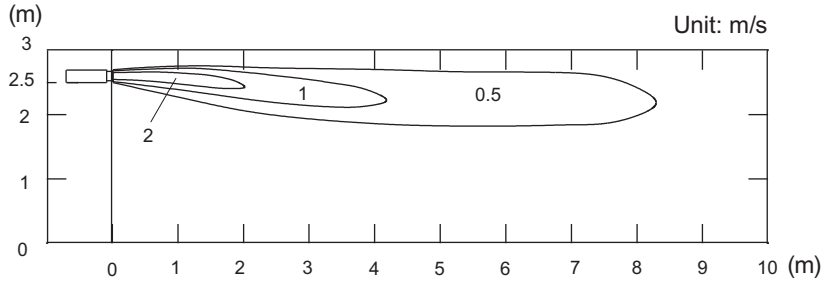
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



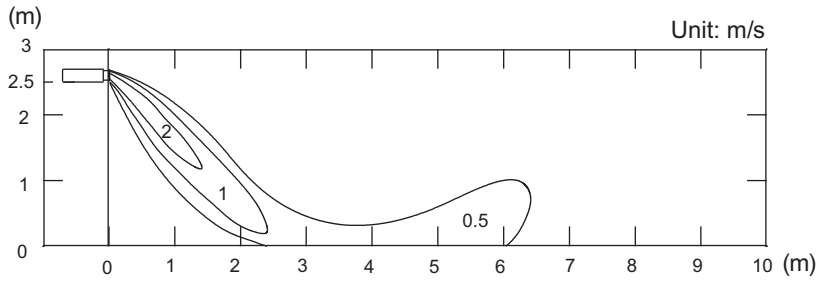
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

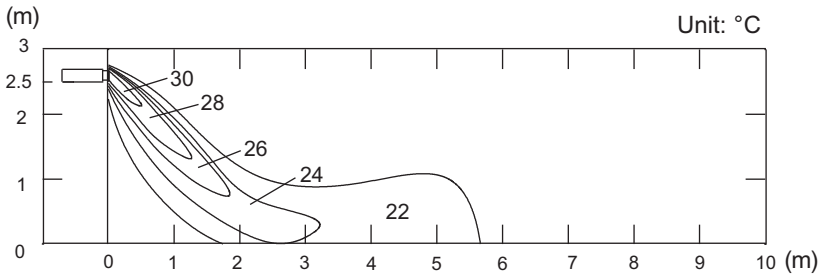
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

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



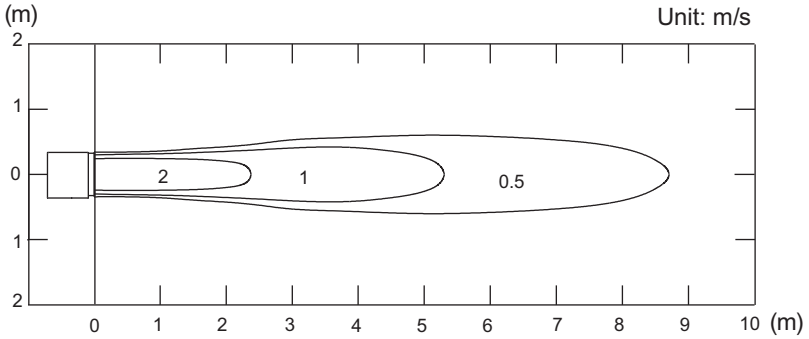
■ Model: ARYG12LSLAP

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

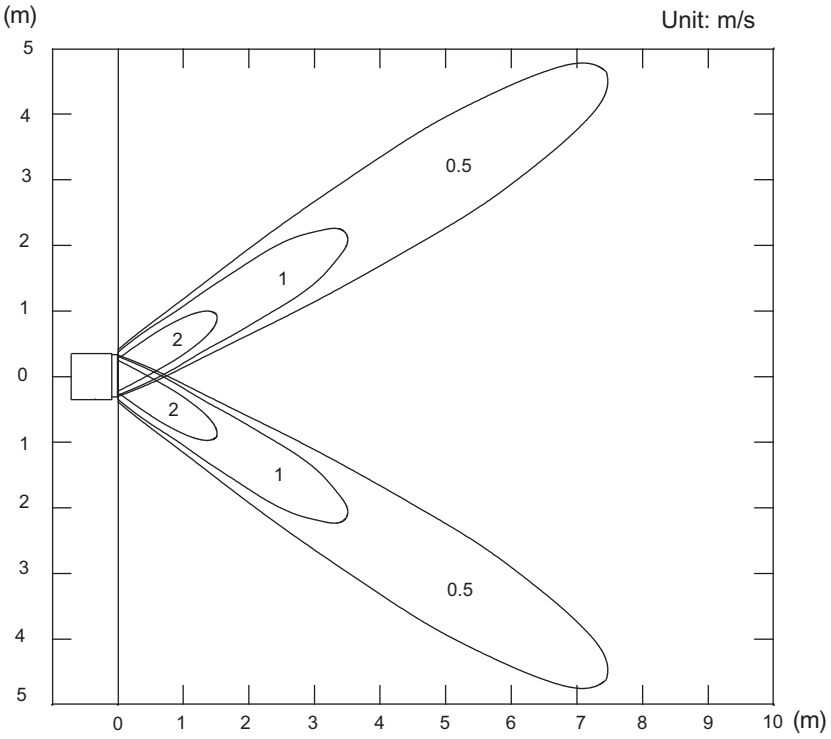
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

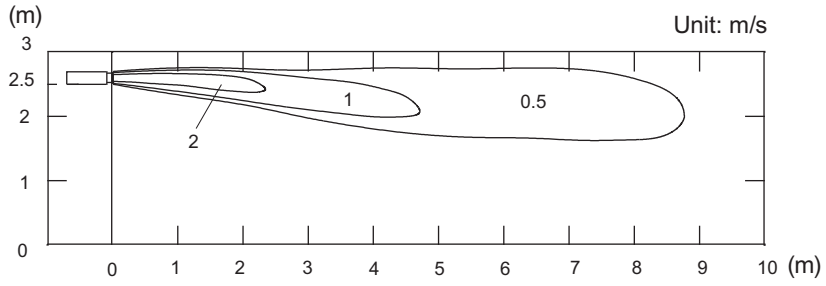
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



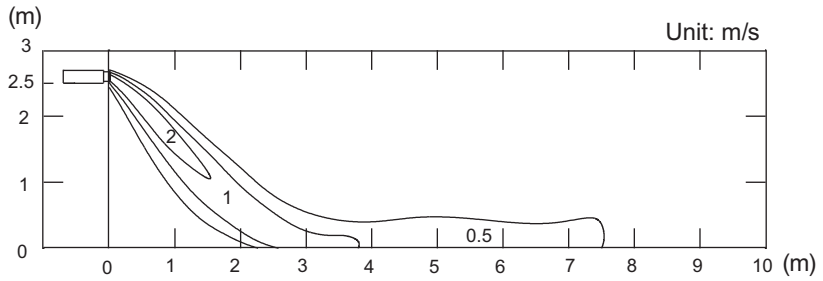
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

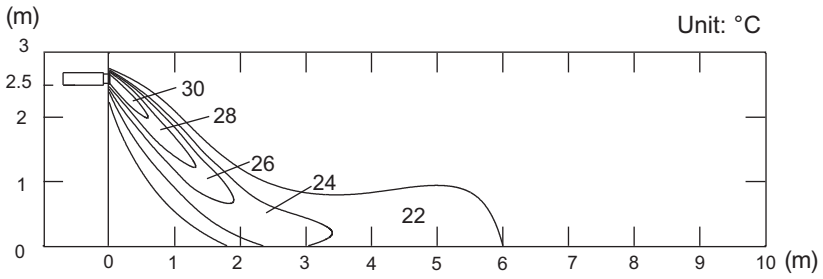
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

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



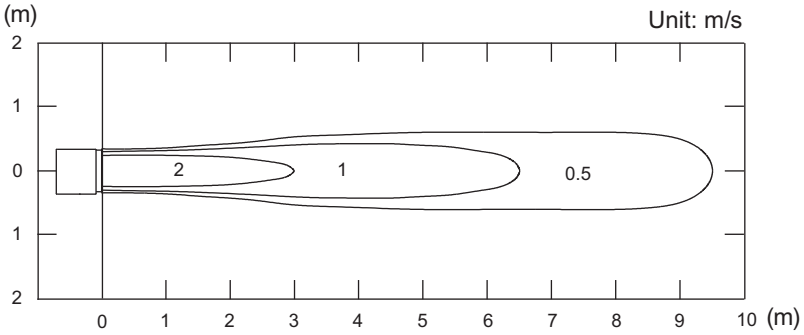
■ Model: ARYG14LSLAP

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

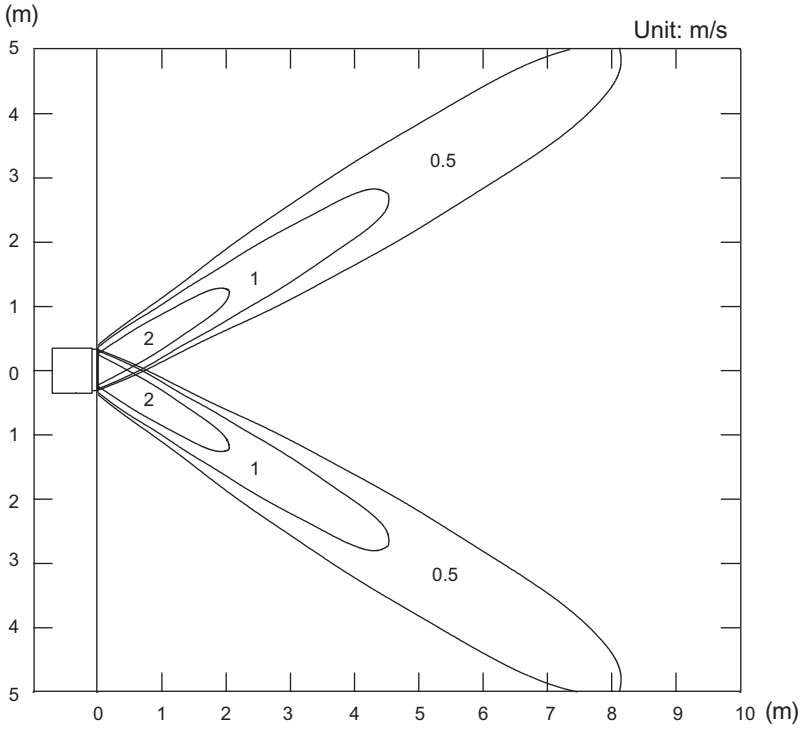
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

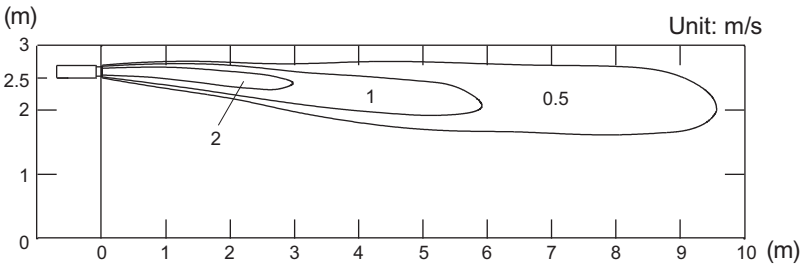
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



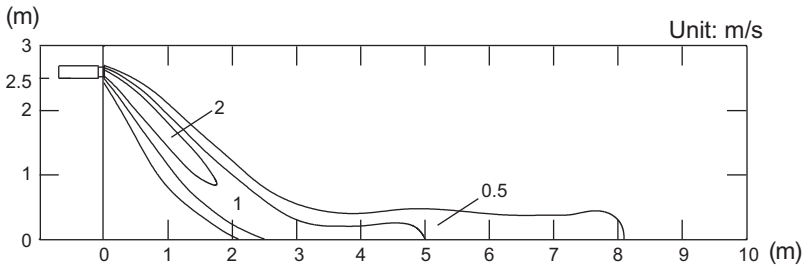
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

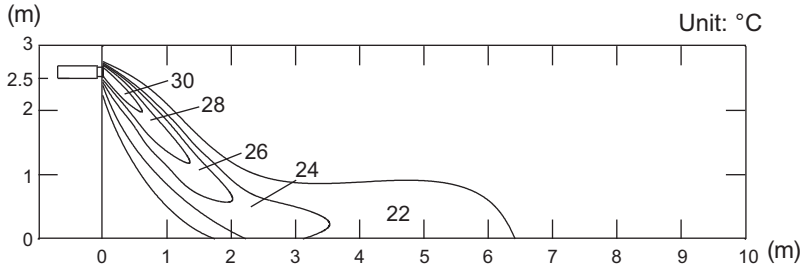
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

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



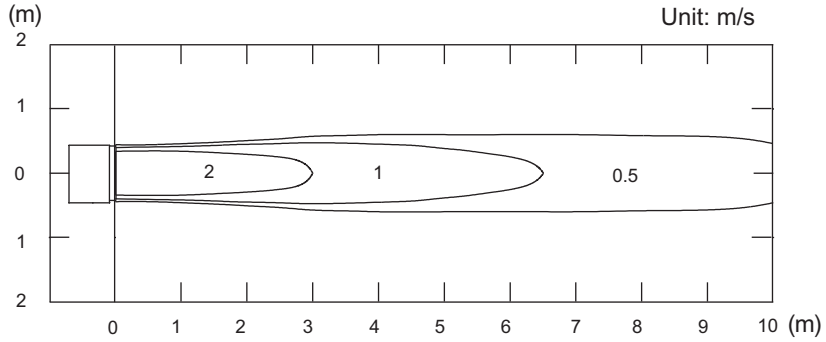
■ Model: ARYG18LSLAP

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

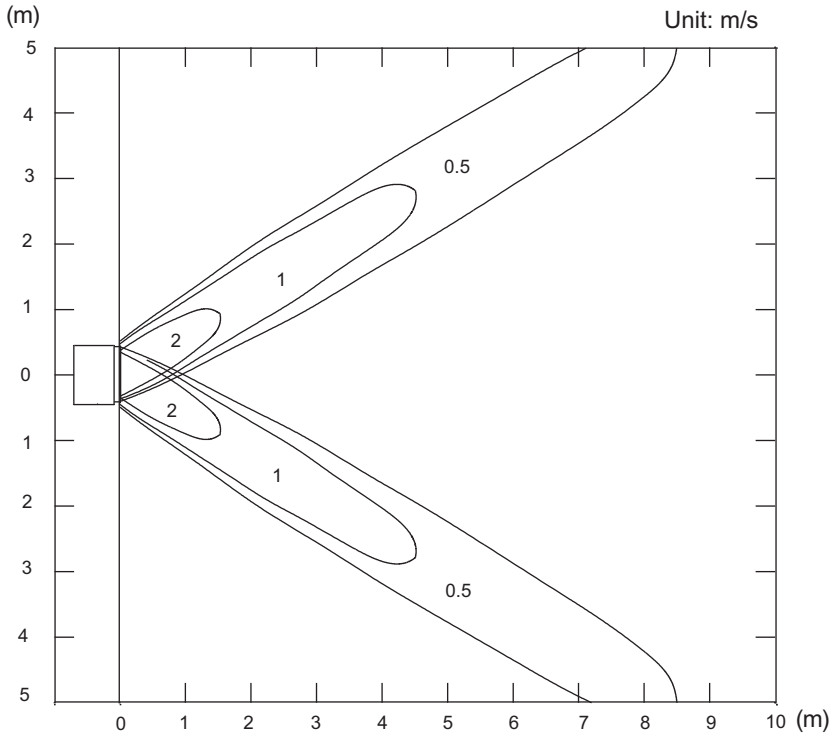
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

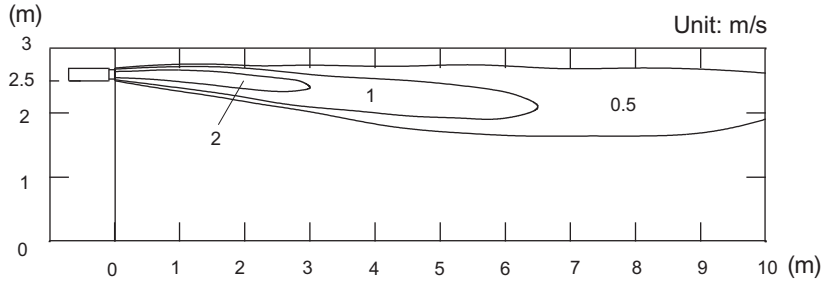
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



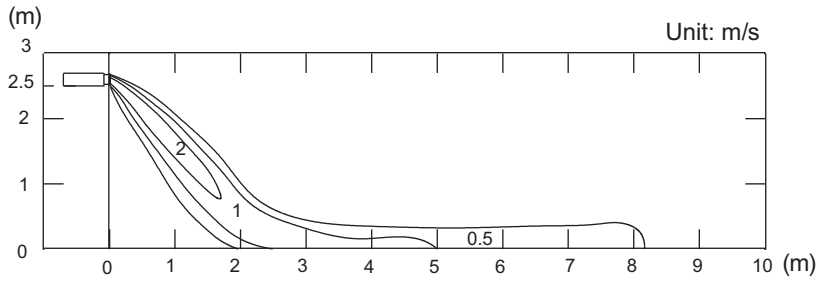
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

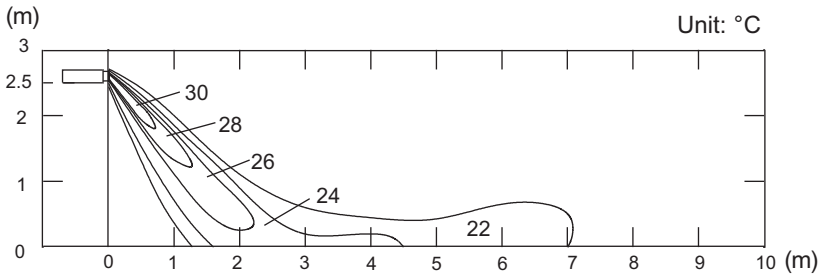
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

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



5-3. Slim duct type

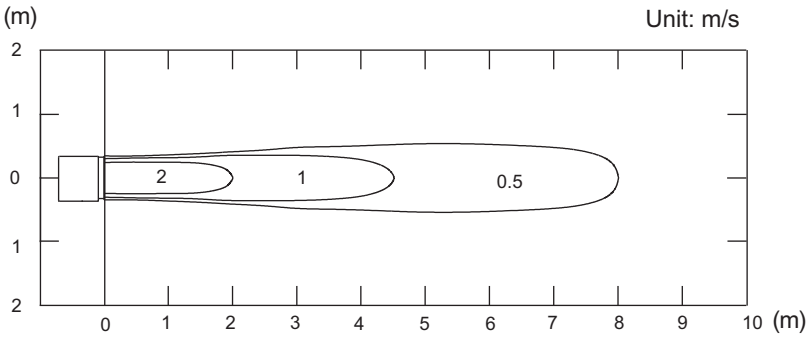
■ Model: ARYG07LLTA

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

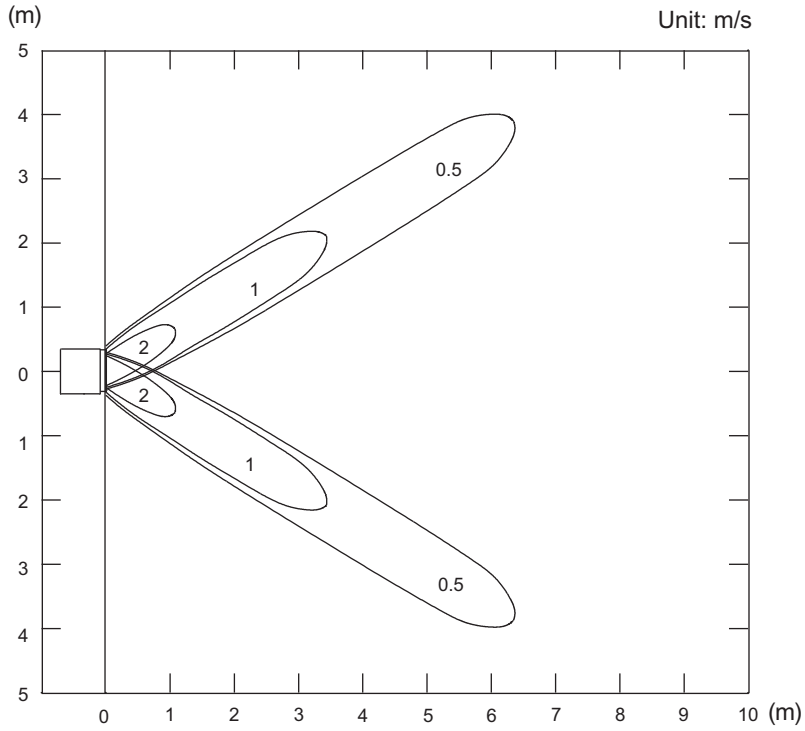
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

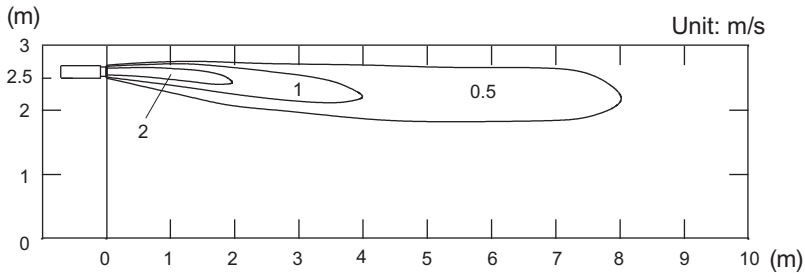
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



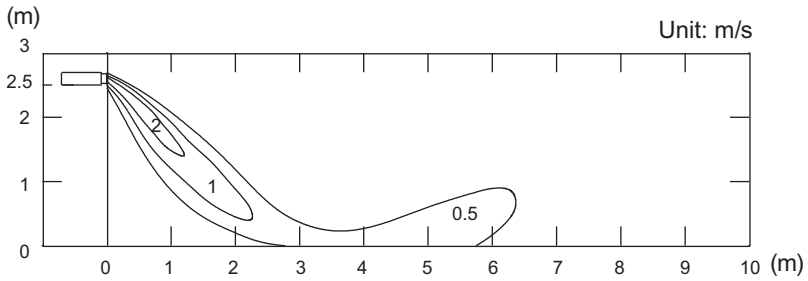
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

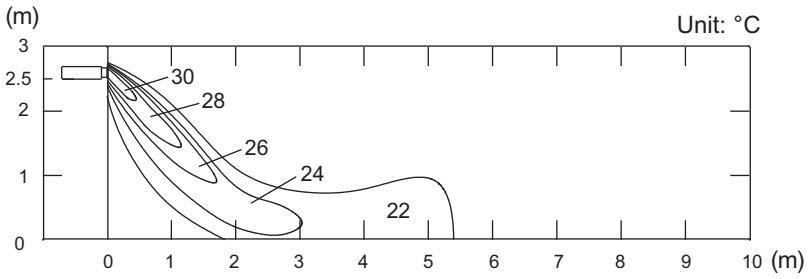
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

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



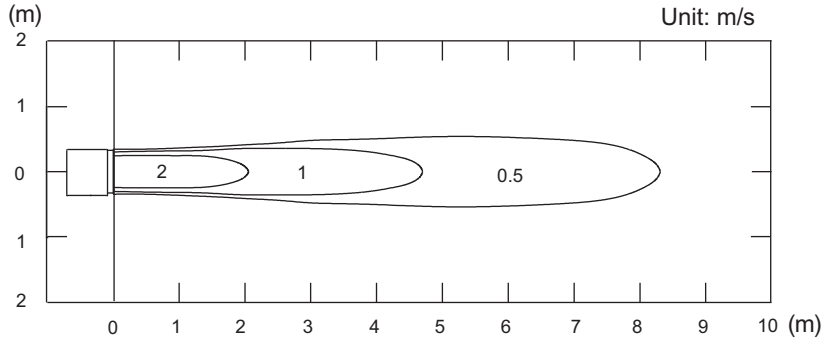
■ Model: ARYG09LLTA

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

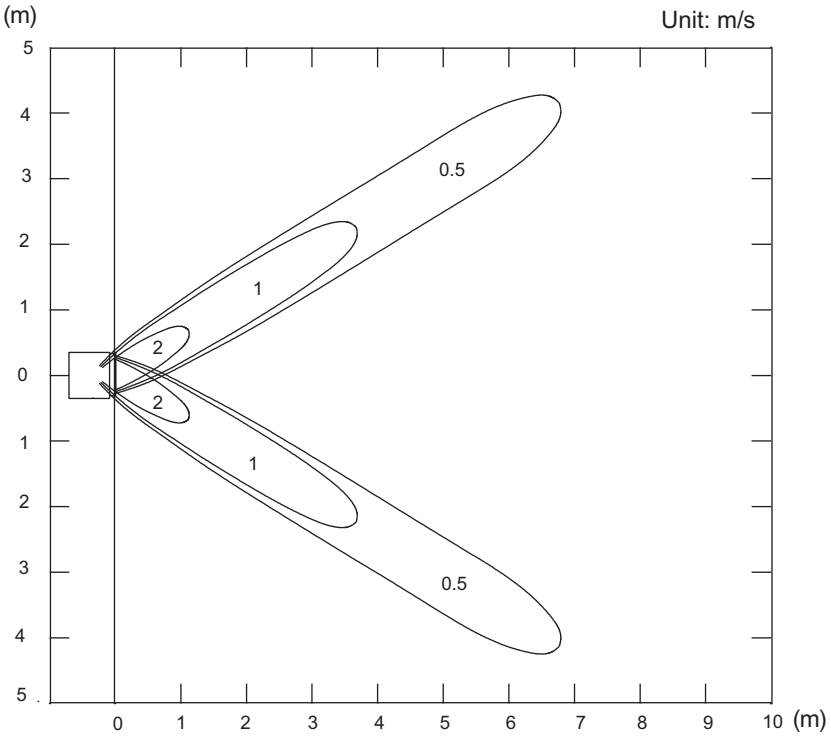
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

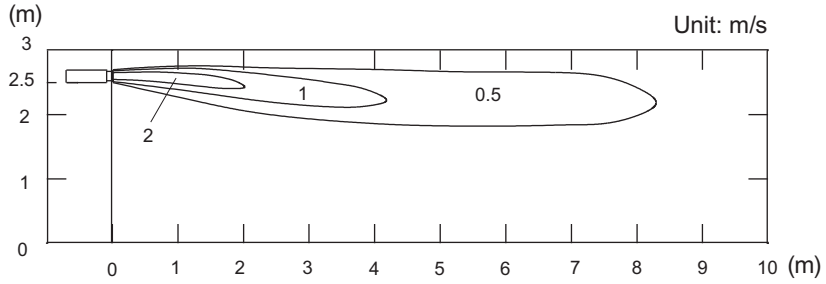
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



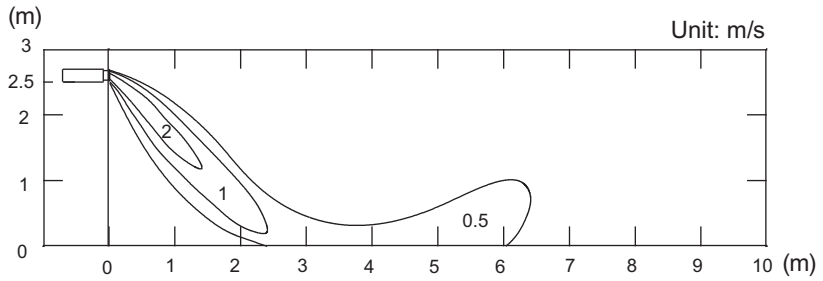
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

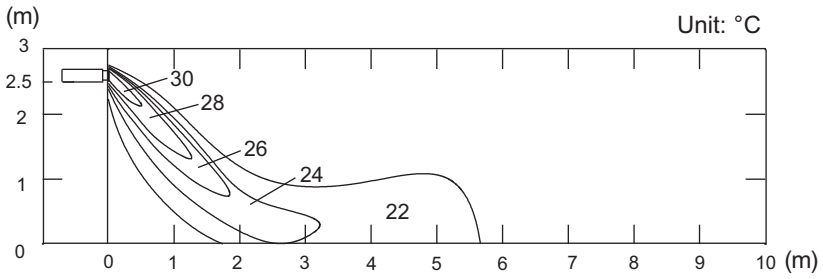
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

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



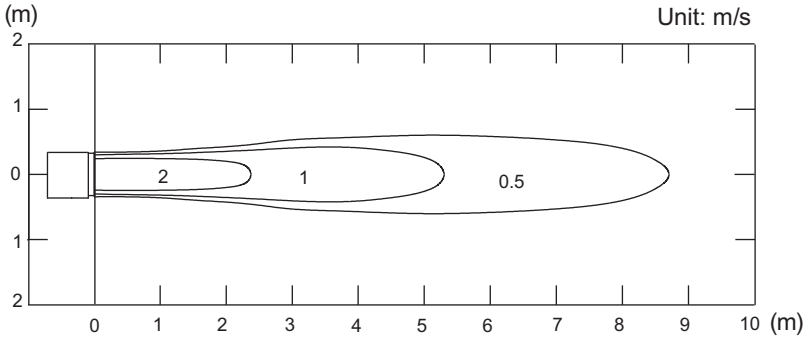
■ Models: ARYG12LLTA and ARYG12LLTB

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

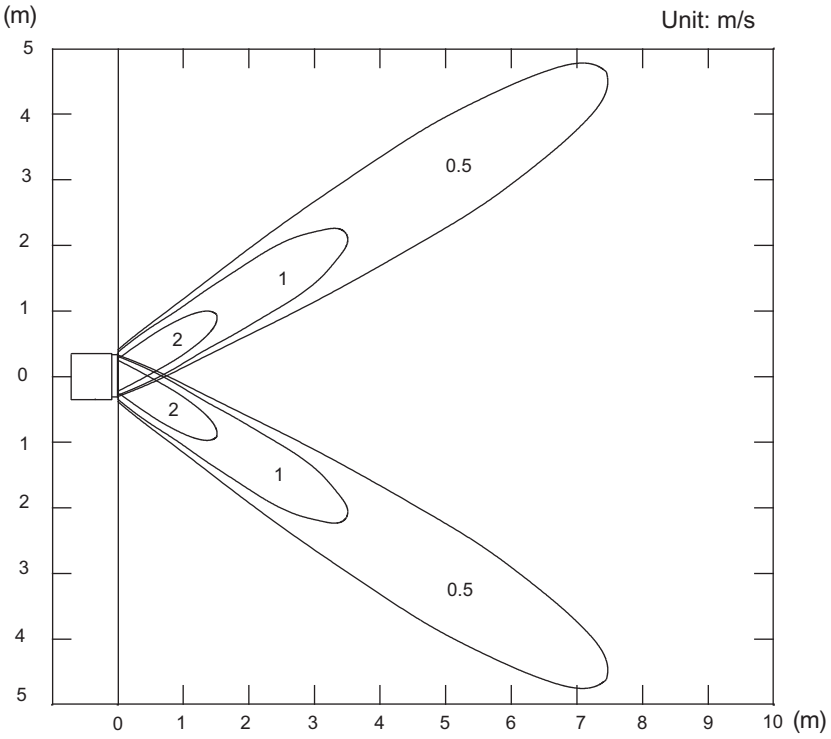
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

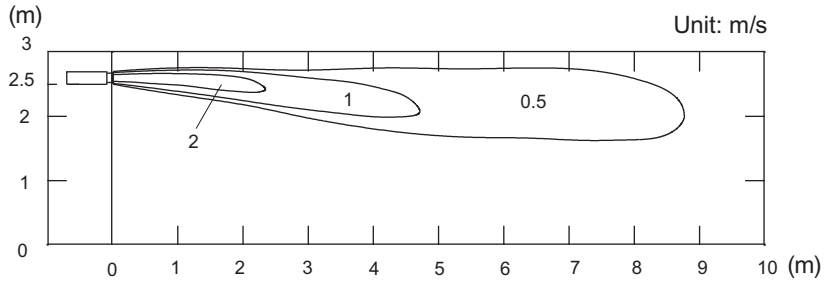
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



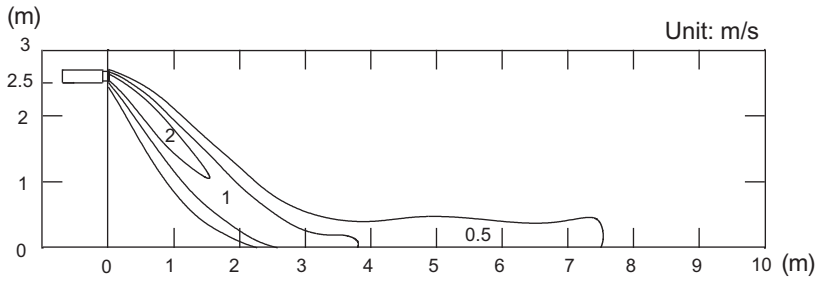
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

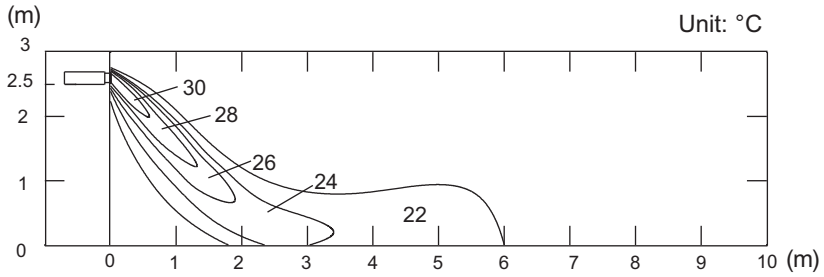
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

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



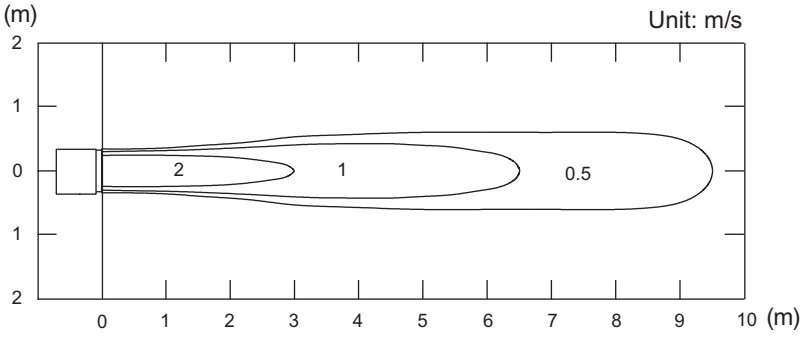
■ Models: ARYG14LLTA and ARYG14LLTB

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

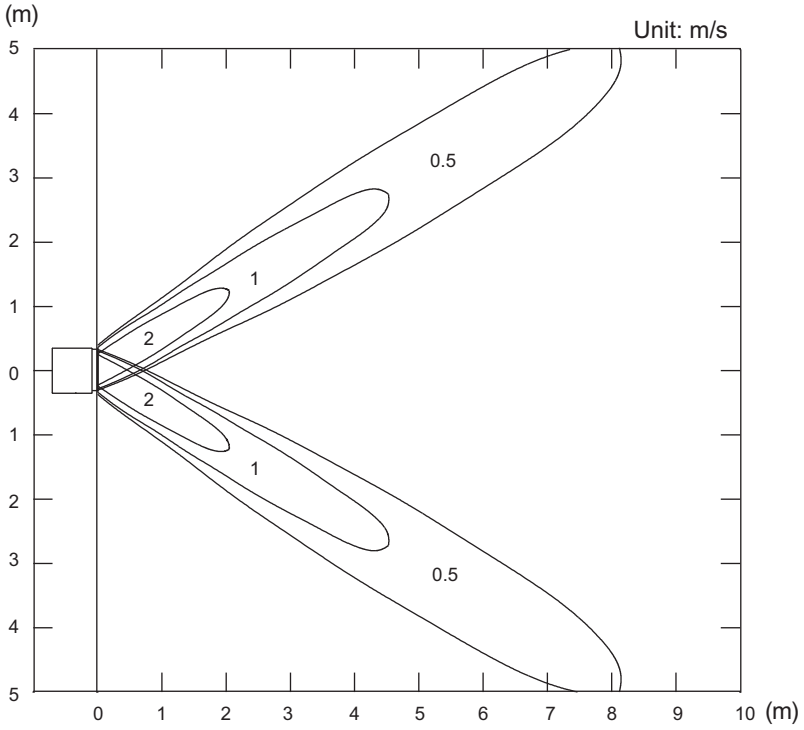
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

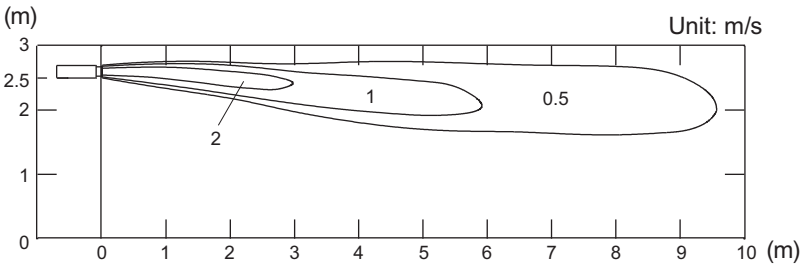
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



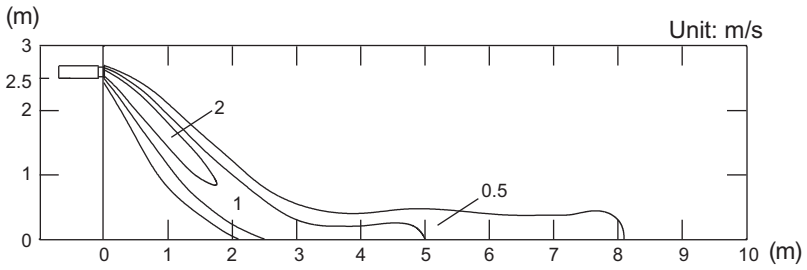
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

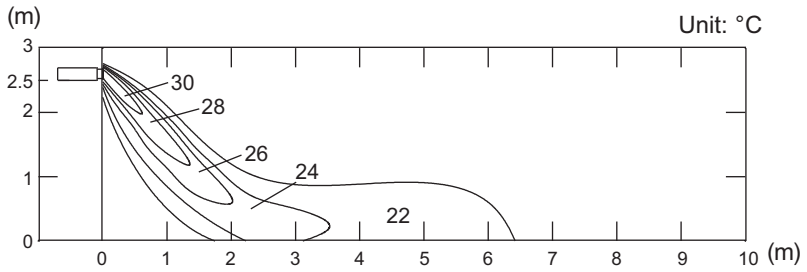
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

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



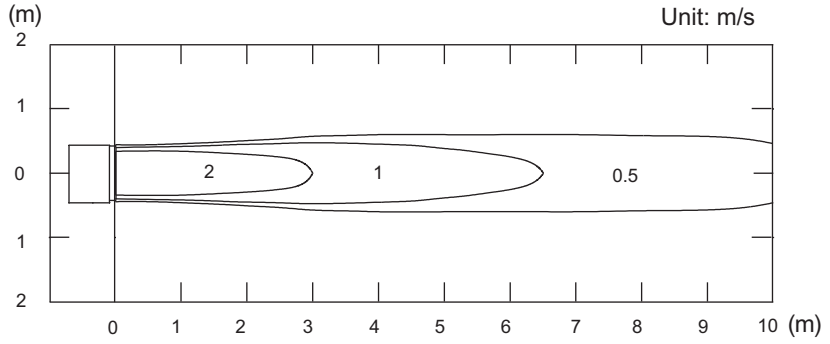
■ Models: ARYG18LLTA and ARYG18LLTB

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

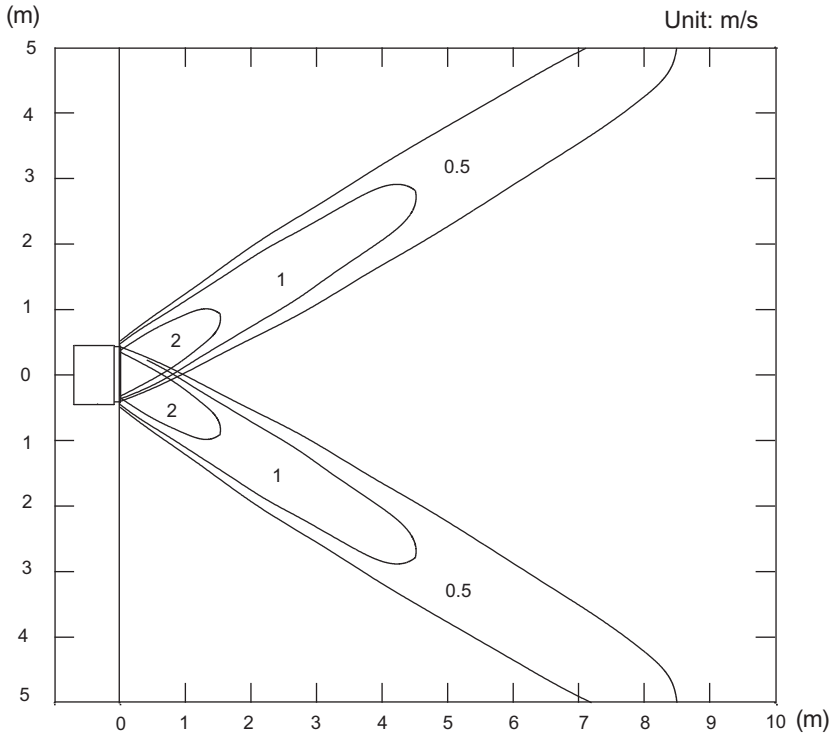
- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

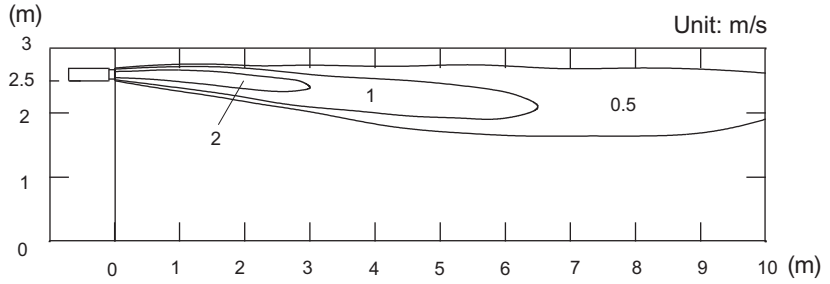
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



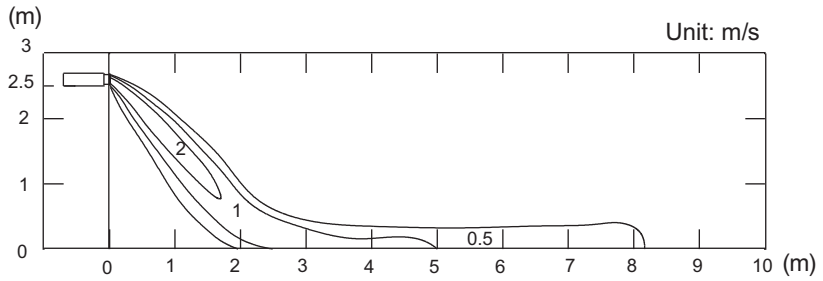
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



- Air velocity distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

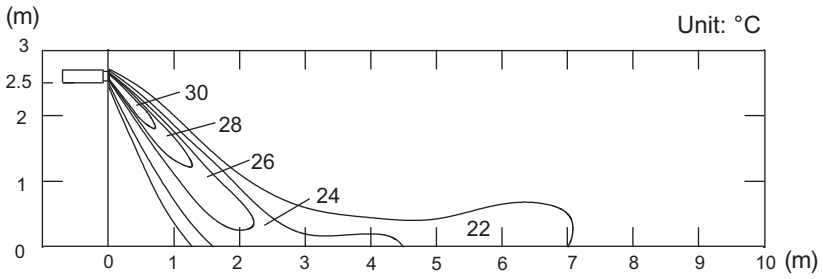
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



- Air temperature distribution

Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

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

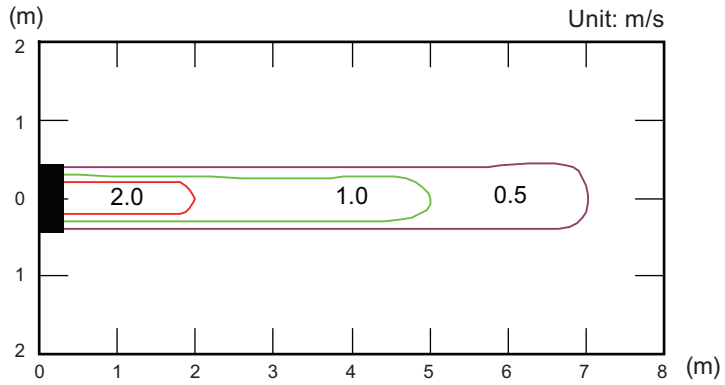


5-4. Wall mounted type

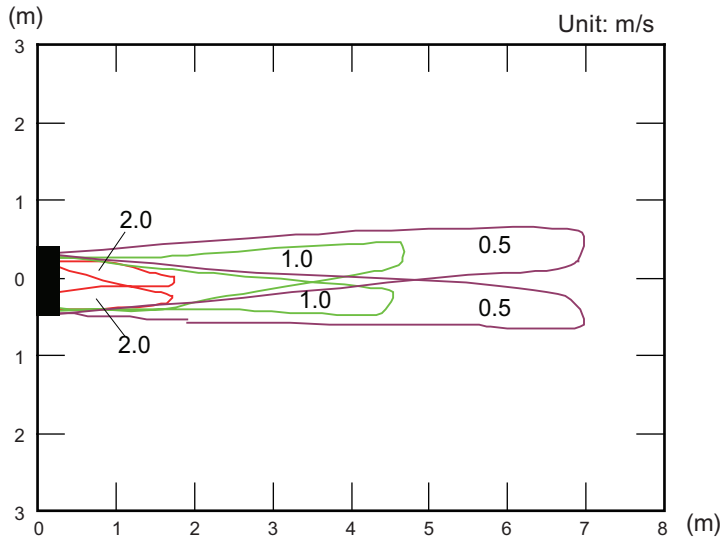
■ Model: ASYG07LJCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

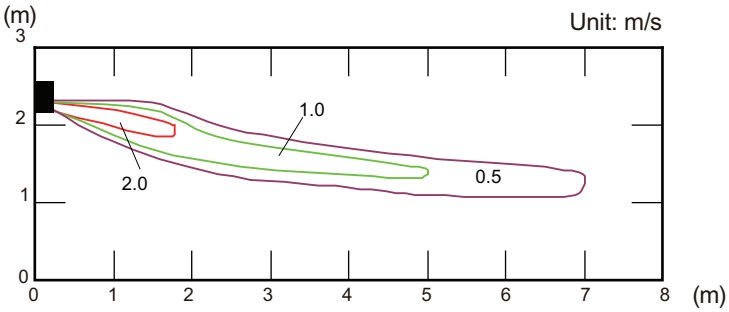
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



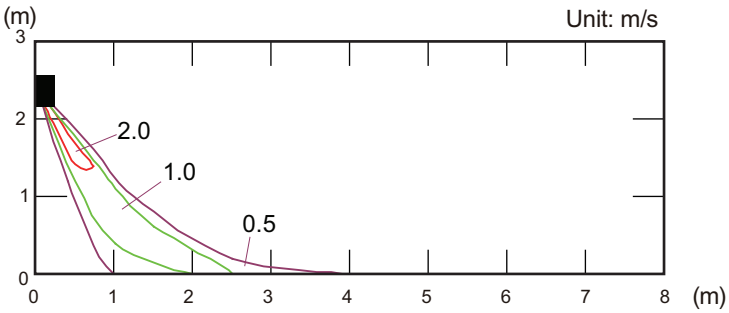
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



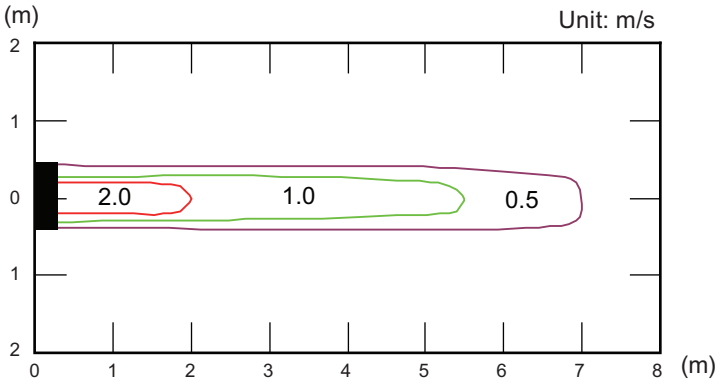
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



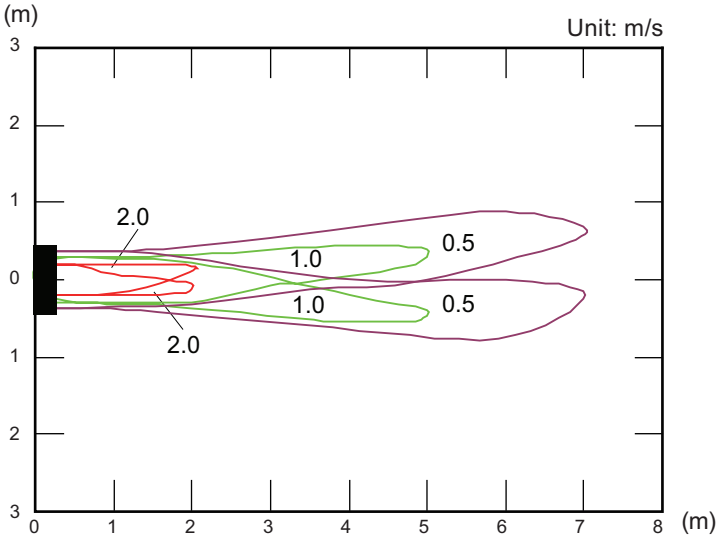
■ Model: ASYG09LJCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

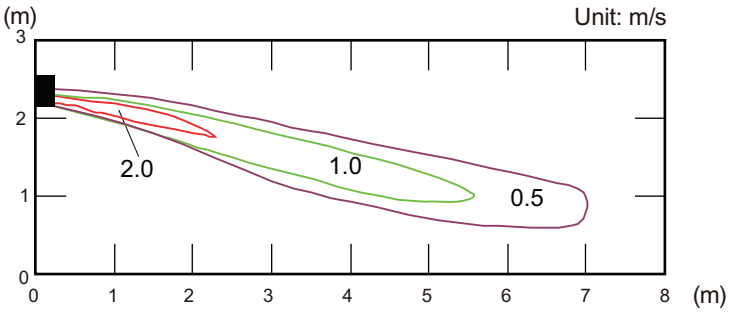
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



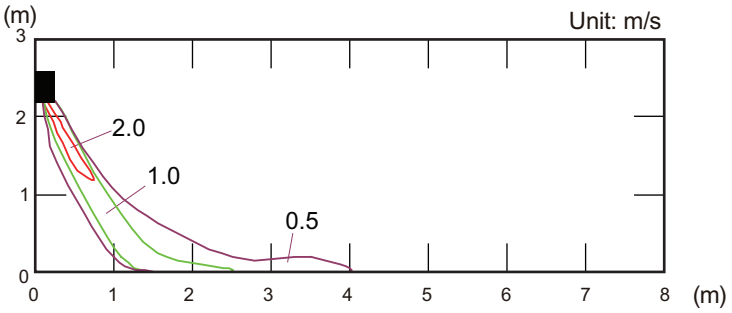
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



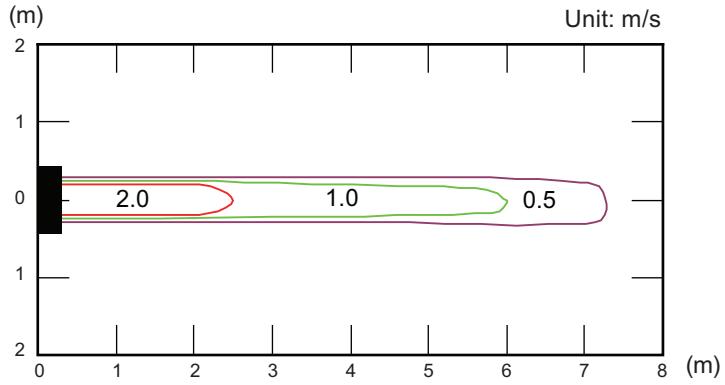
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



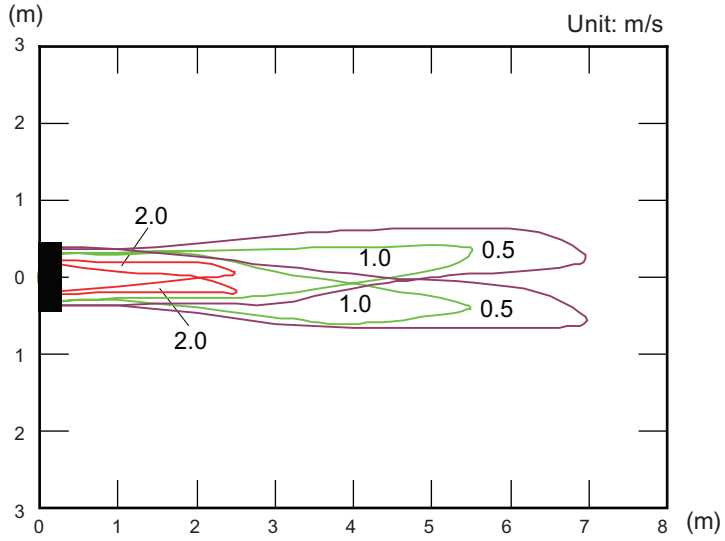
■ Model: ASYG12LJCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

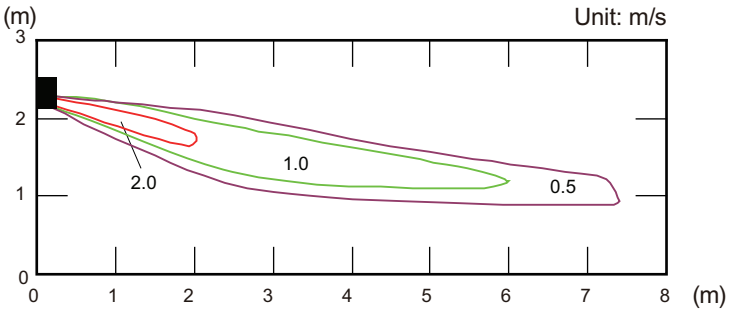
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



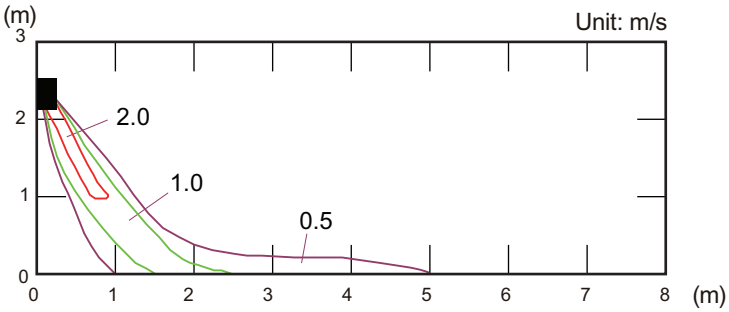
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



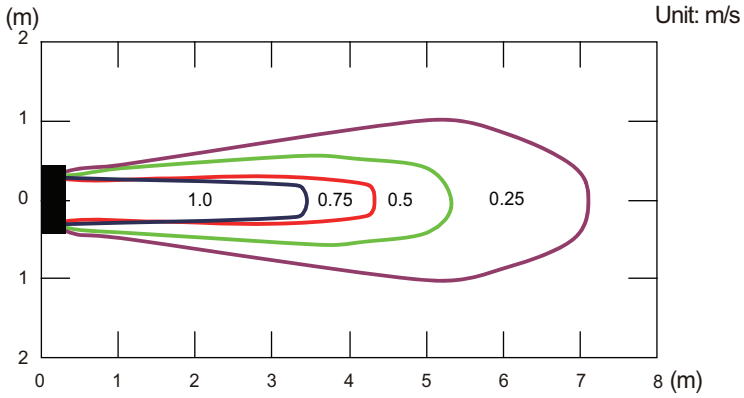
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



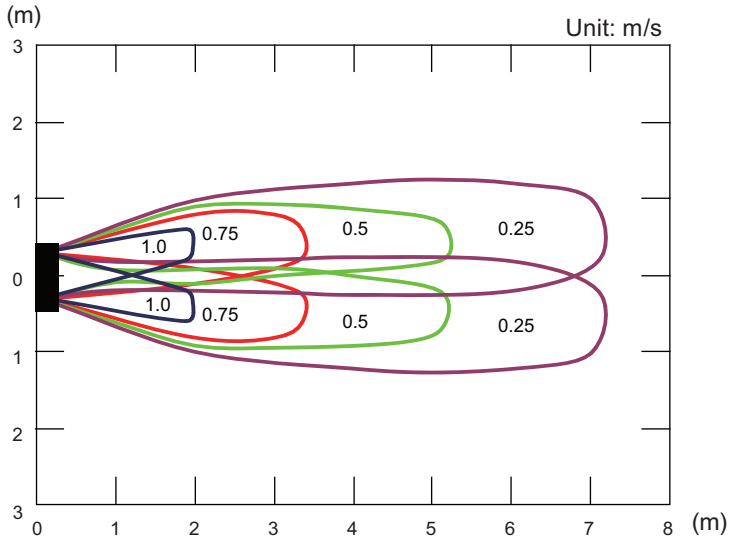
■ Models: ASYG07LUCA and ASYG09LUCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

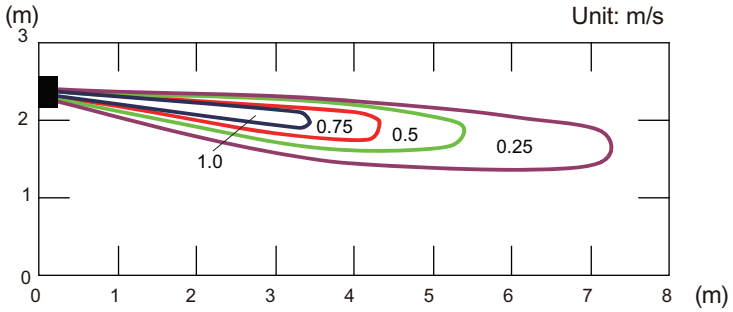
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



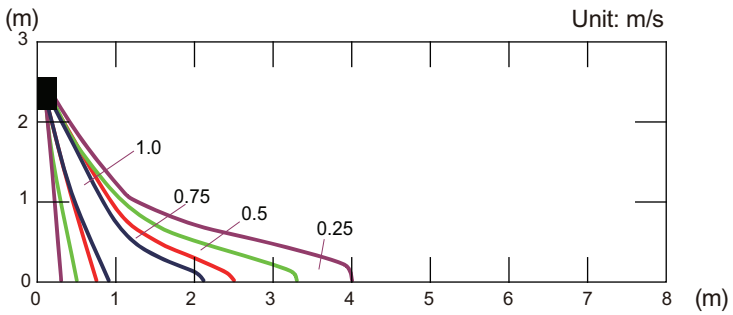
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



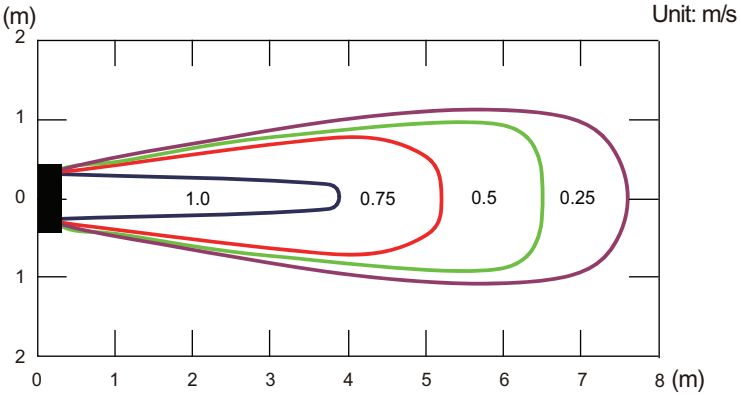
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



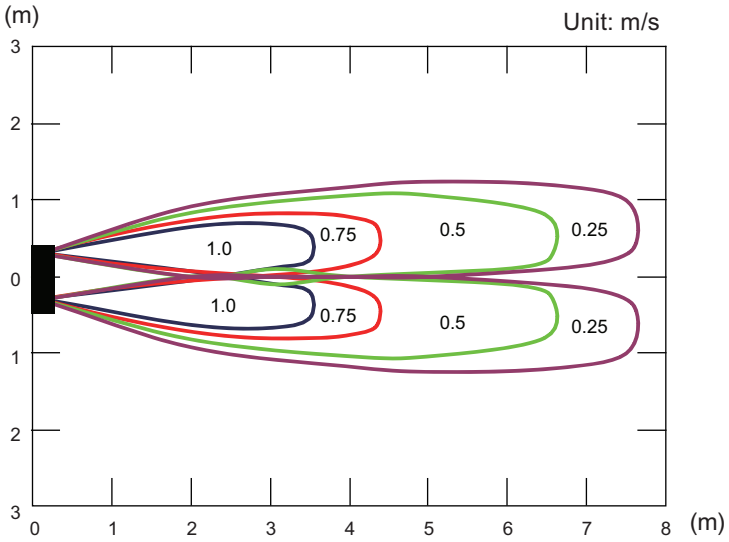
■ Models: ASYG12LUCA and ASYG14LUCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

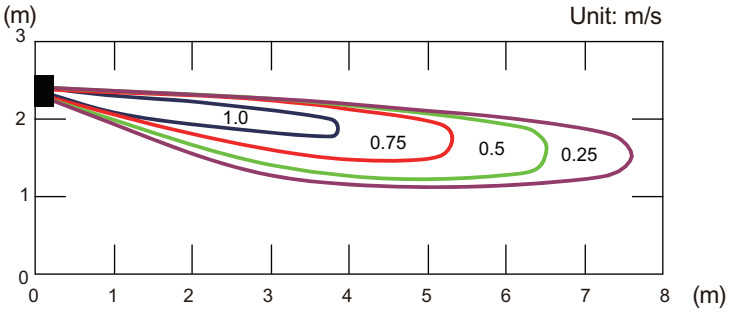
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



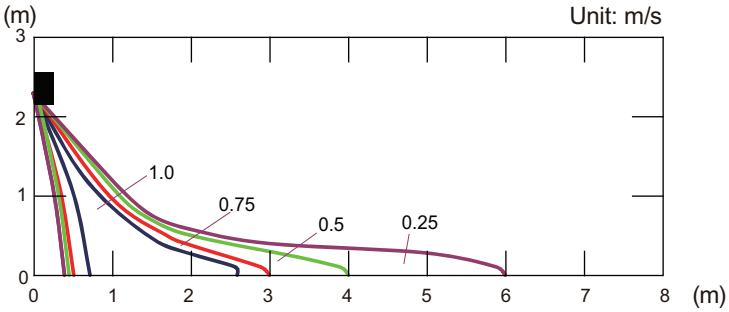
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



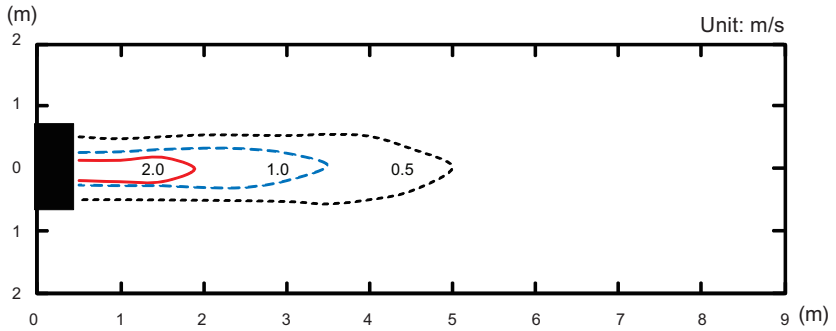
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



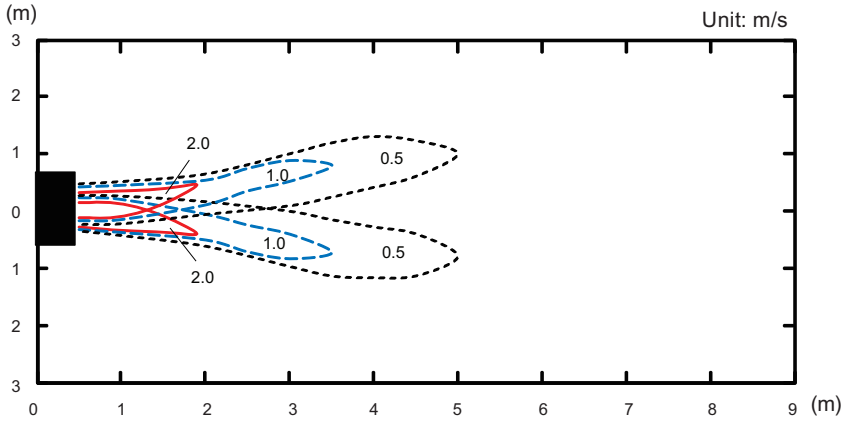
■ Models: ASYG07LMCA and ASYG07LMCE

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

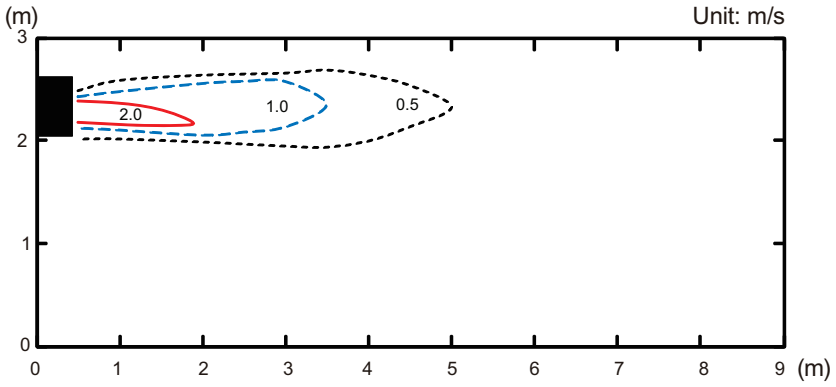
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



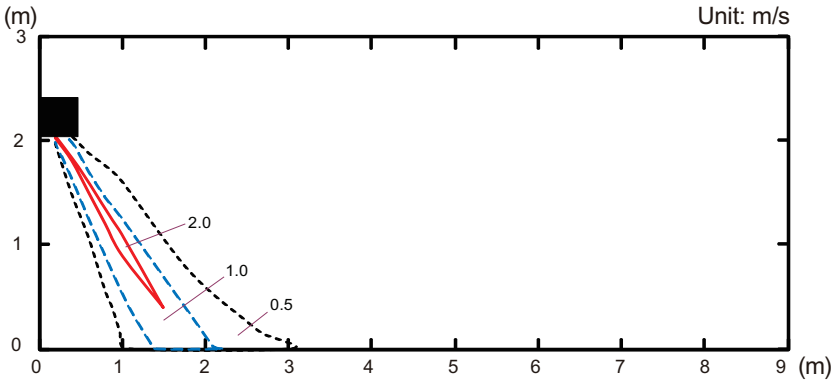
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



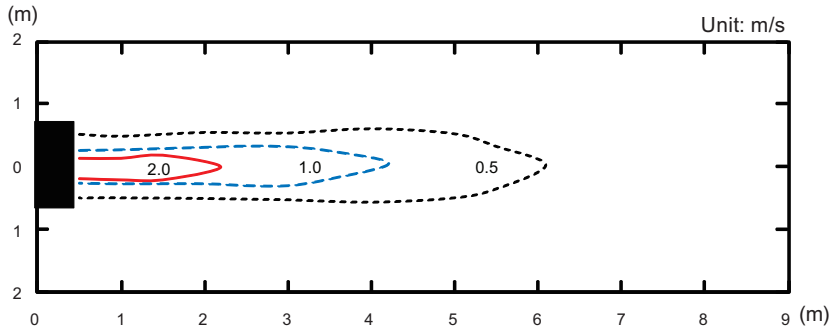
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



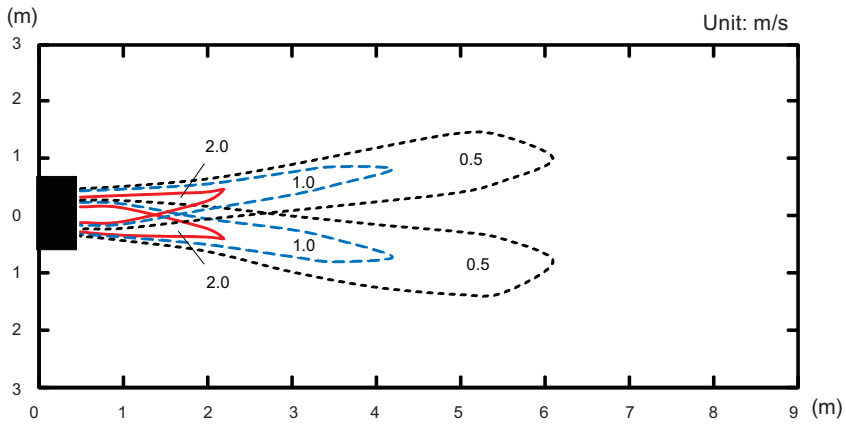
■ Models: ASYG09LMCA and ASYG09LMCE

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

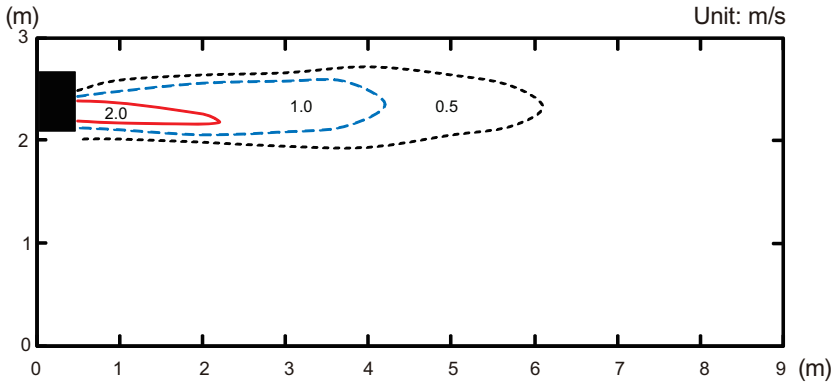
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



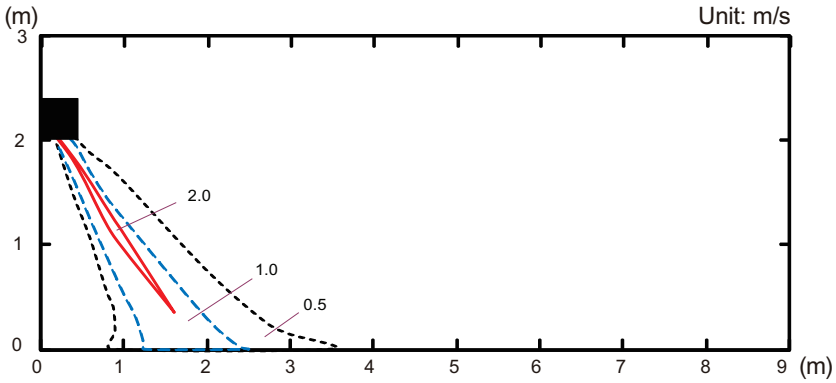
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



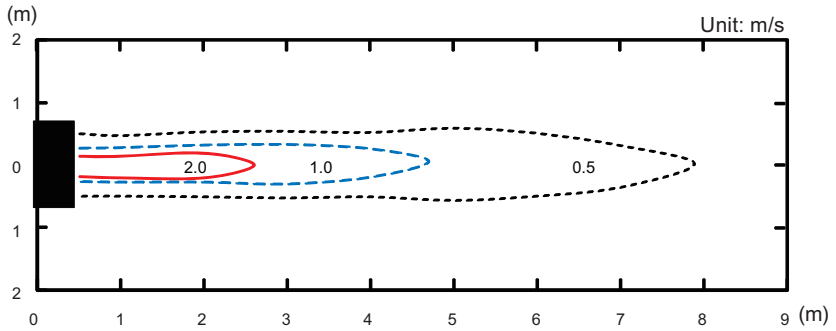
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



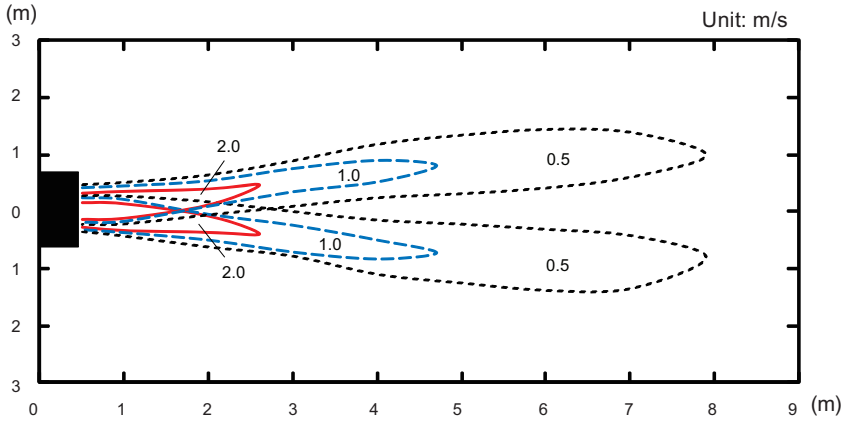
■ Models: ASYG12LMCA and ASYG12LMCE

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

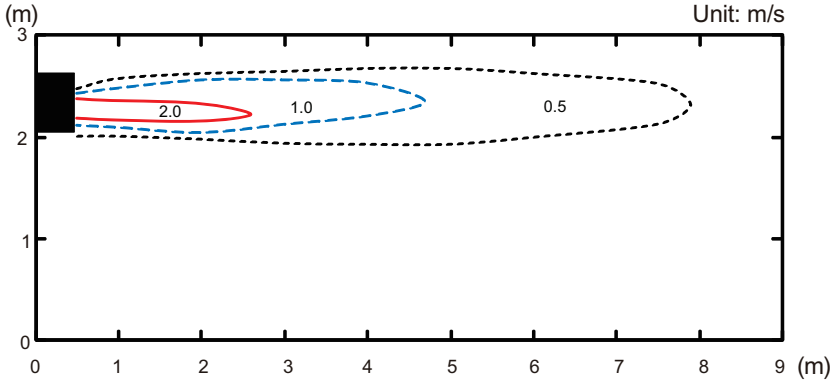
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



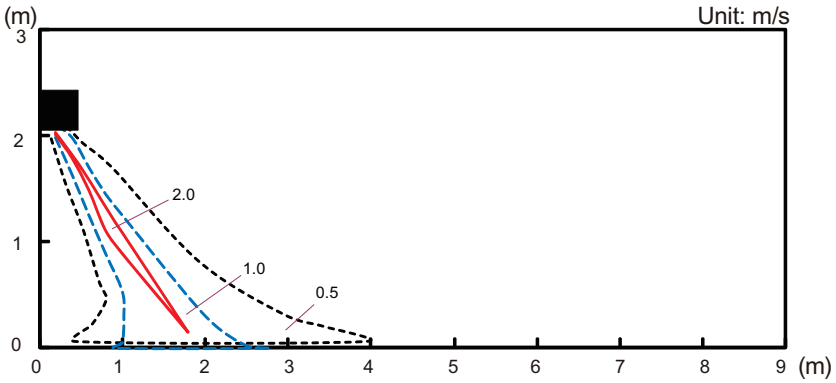
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



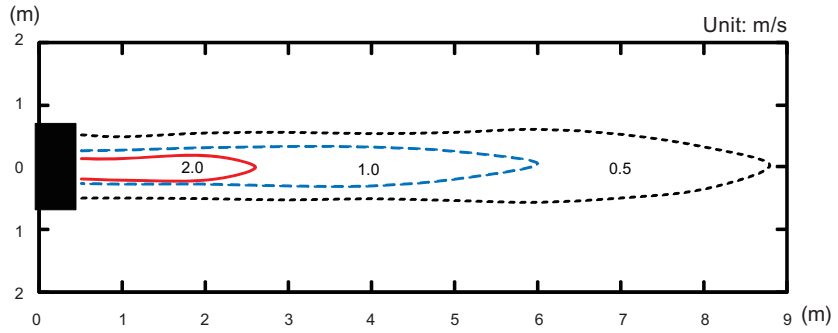
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



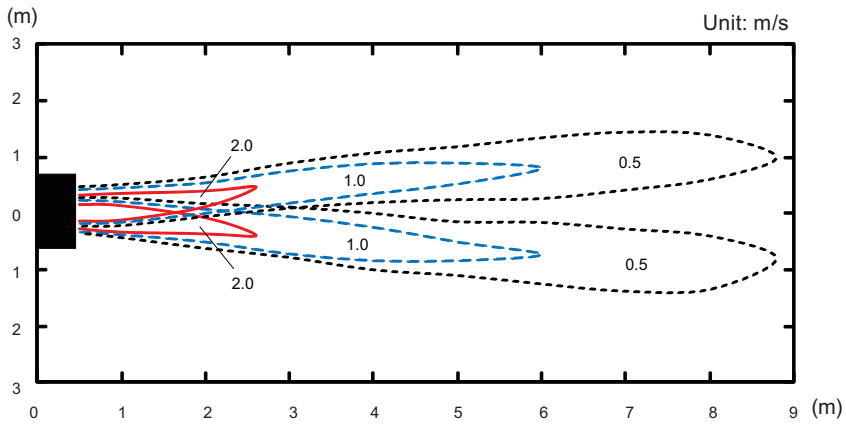
■ Models: ASYG14LMCA and ASYG14LMCE

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

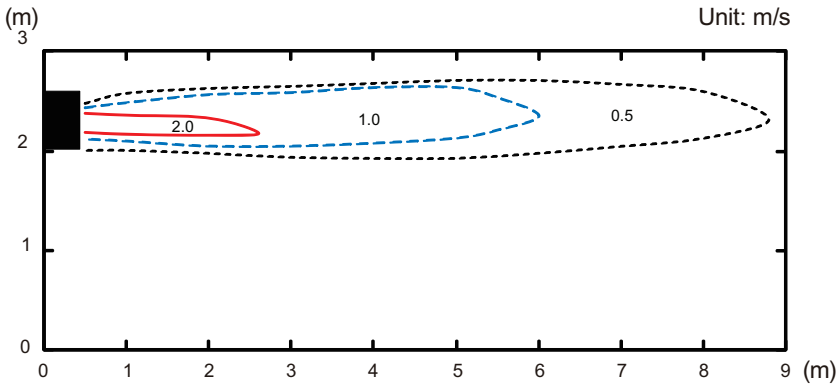
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



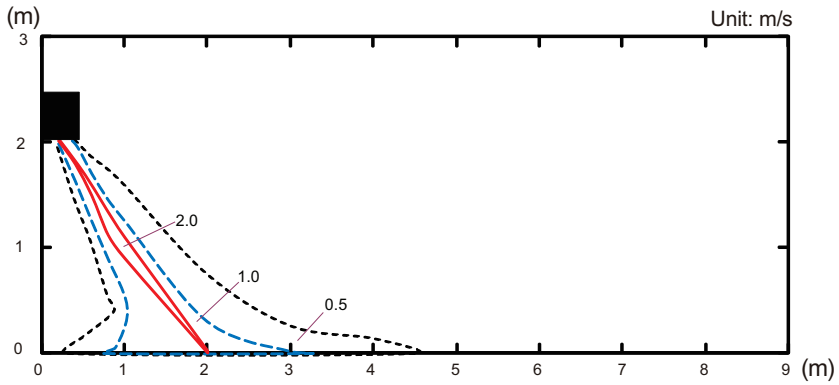
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



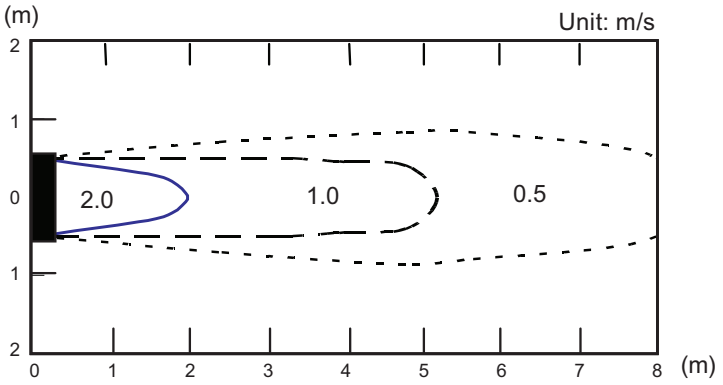
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



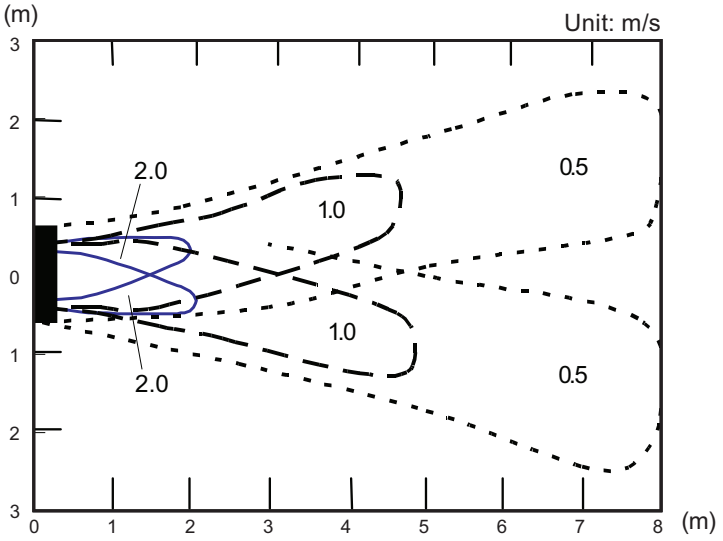
■ Model: ASYG18LFCA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

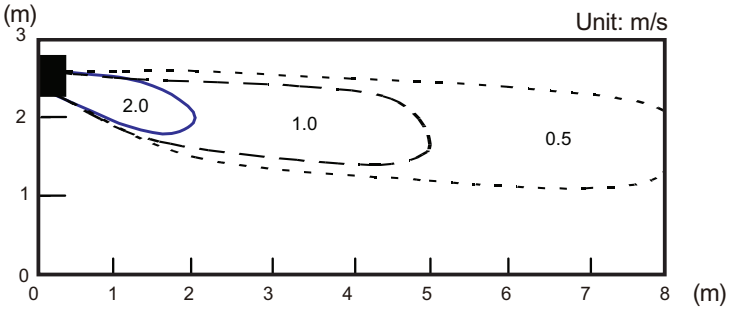
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



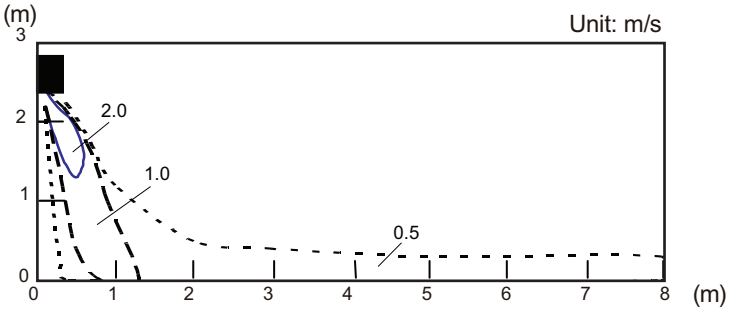
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



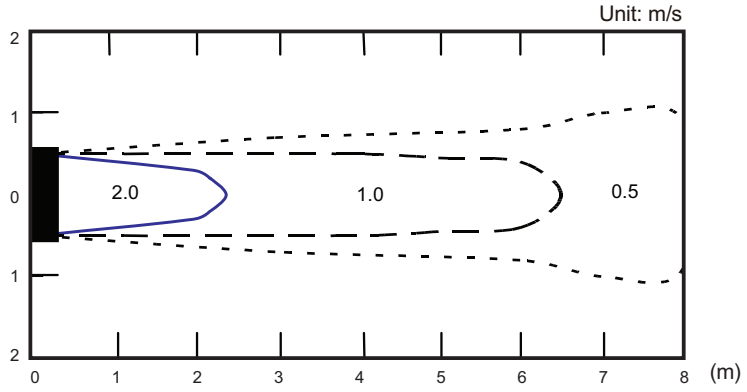
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



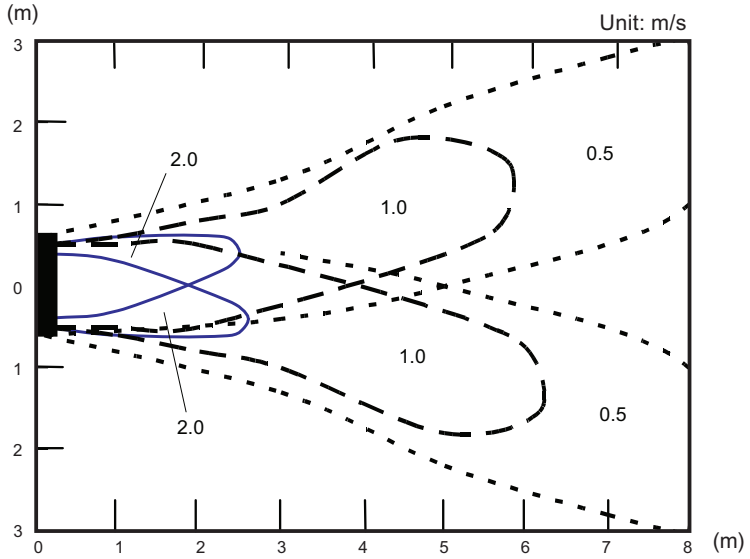
■ Models: ASYG24LFCA and ASYG24LFCC

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

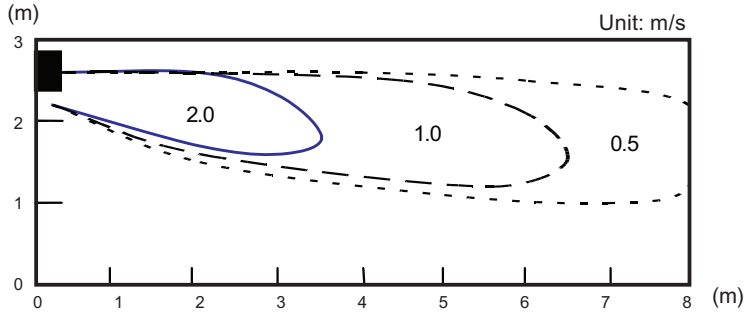
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



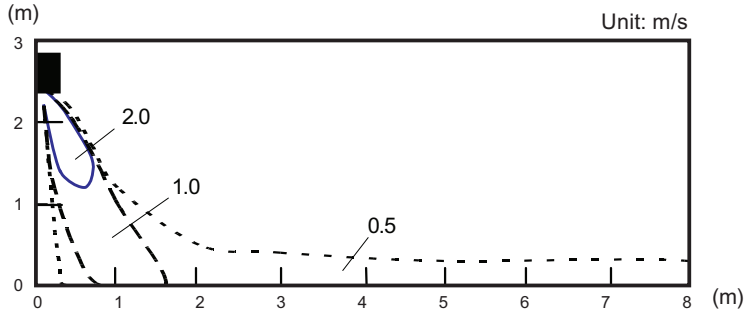
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



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

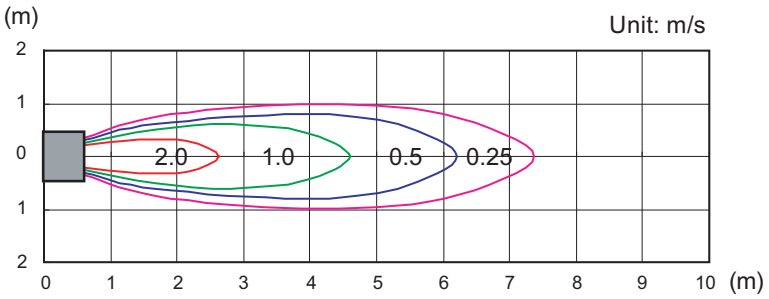


5-5. Floor/Ceiling type

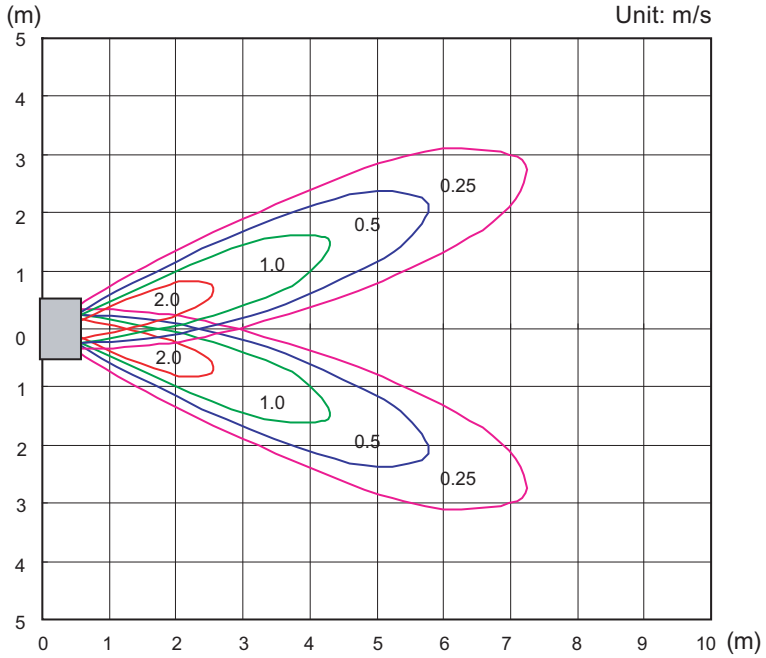
■ Model: ABYG14LVTA (Under ceiling)

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

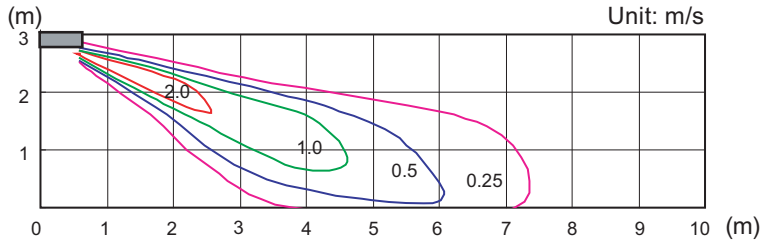
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



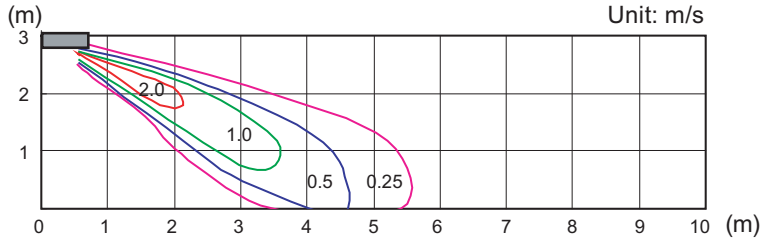
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



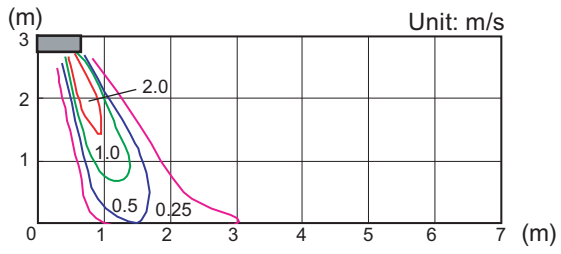
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



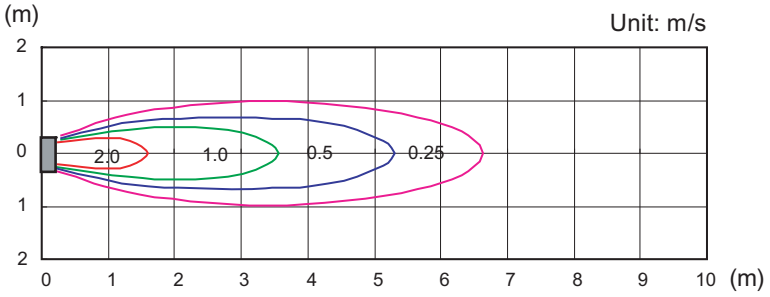
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



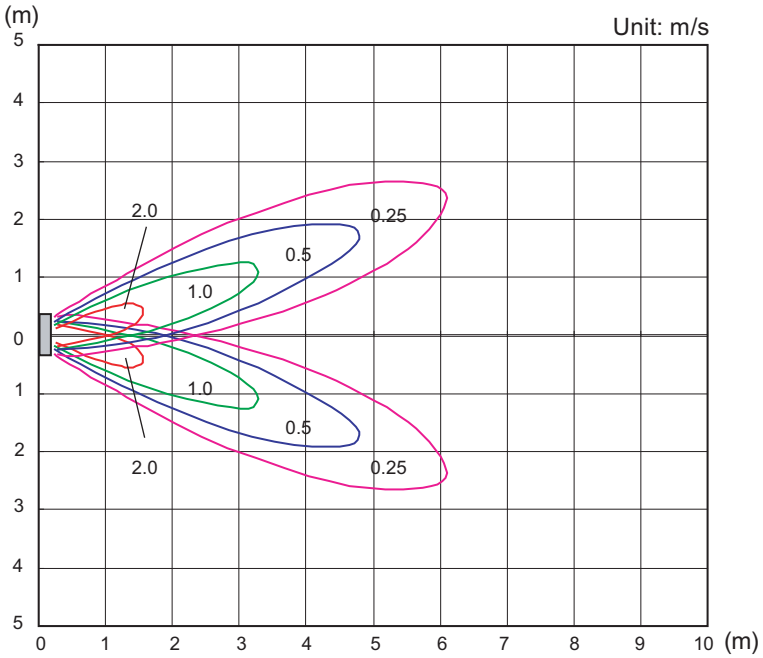
■ Model: ABYG14LVTA (Floor console)

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

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



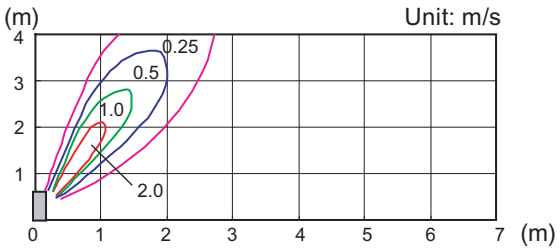
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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

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

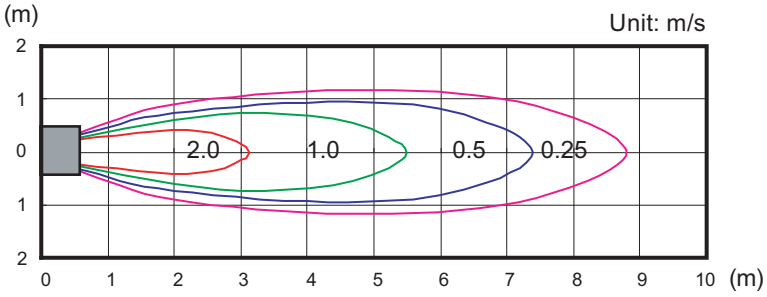
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



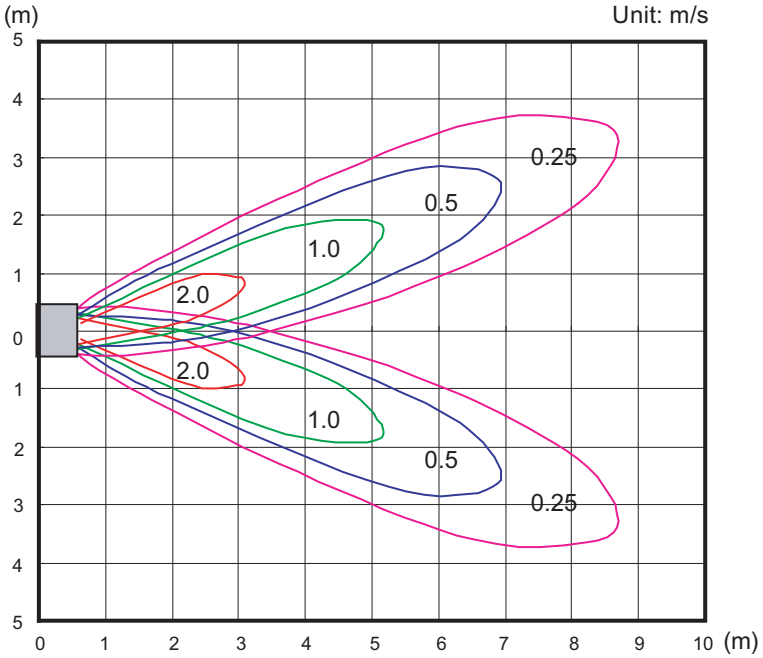
■ Models: ABYG18LVTA and ABYG18LVTB (Under ceiling)

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

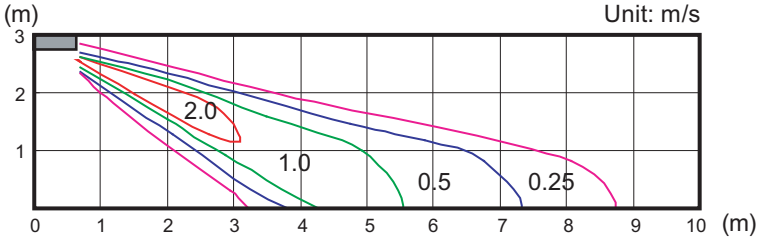
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



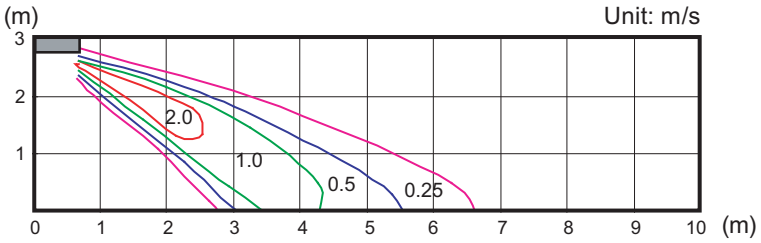
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



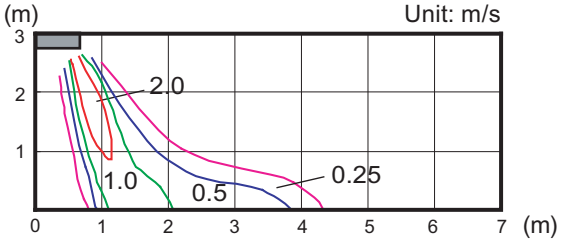
Side view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



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



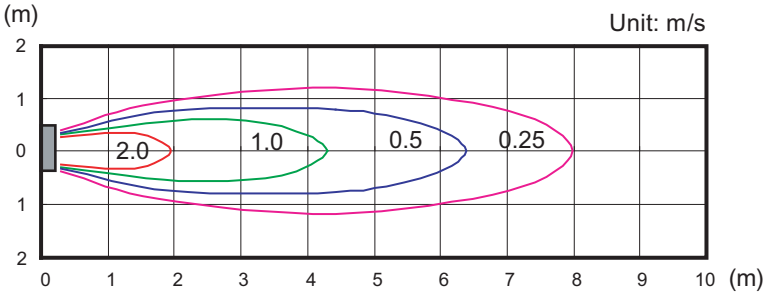
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



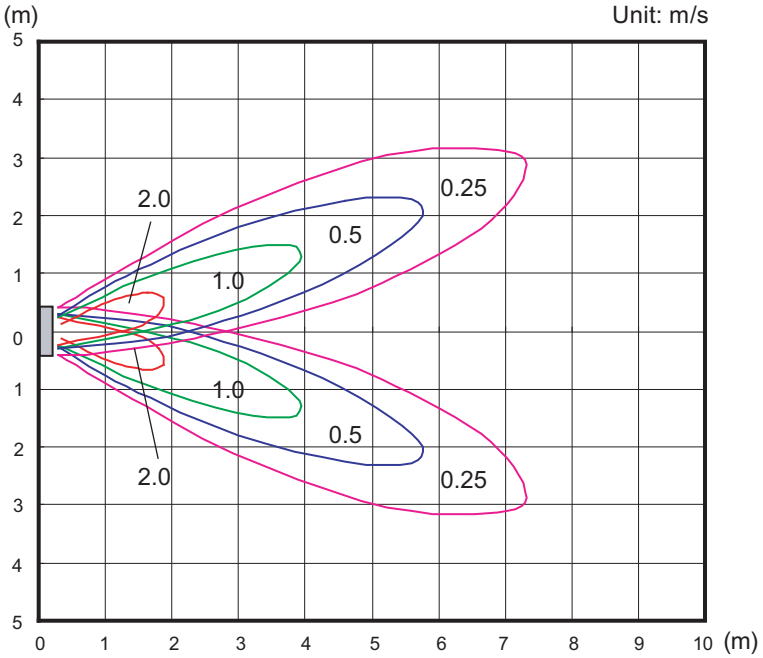
■ Models: ABYG18LVTA and ABYG18LVTB (Floor console)

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

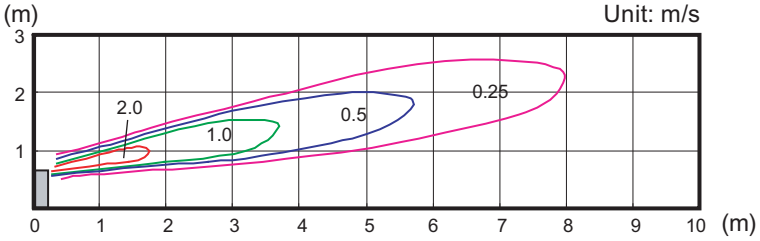
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



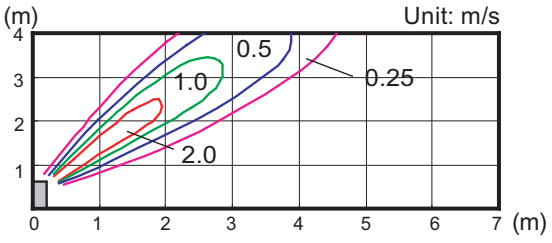
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



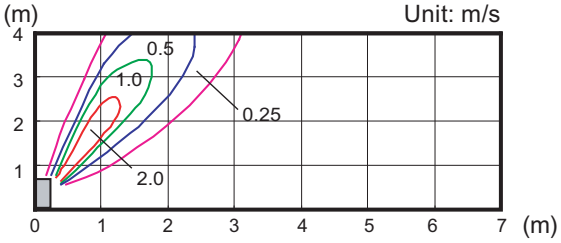
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center



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



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

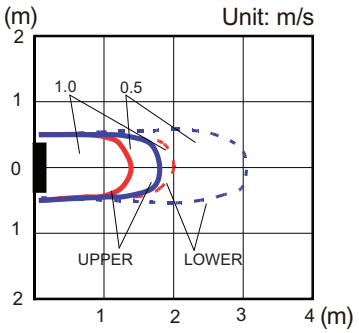


5-6. Floor type

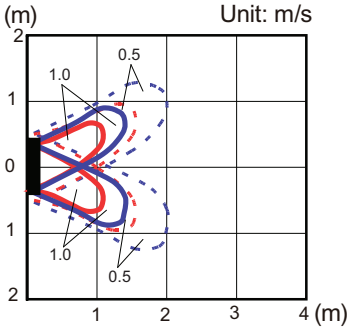
■ Models: AGYG09LVCA, AGYG12LVCA, and AGYG14LVCA

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

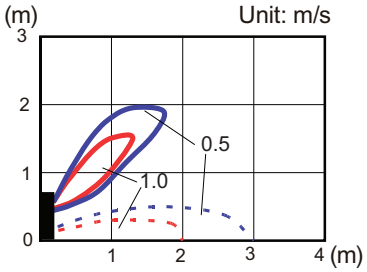
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Center



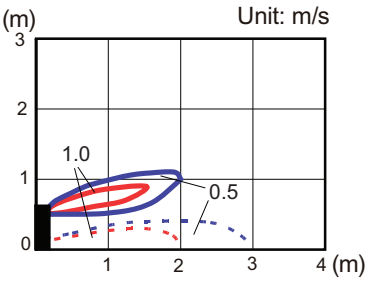
Top view
Vertical airflow direction louver: Up
Horizontal airflow direction louver: Left & Right



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



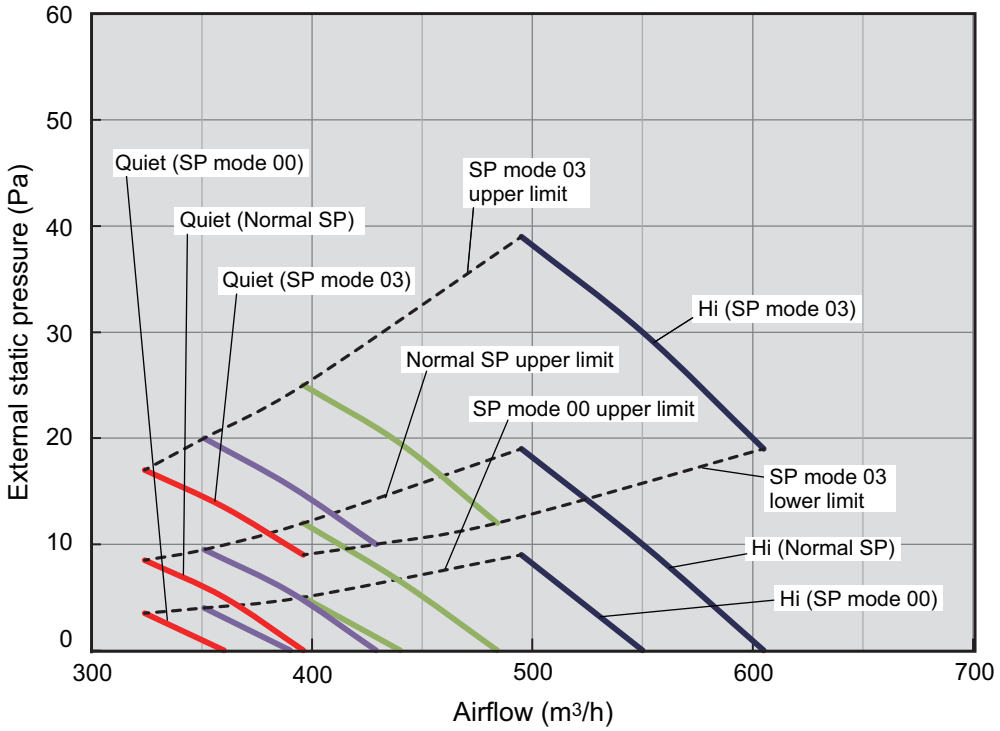
Side view
Vertical airflow direction louver: Down
Horizontal airflow direction louver: Center

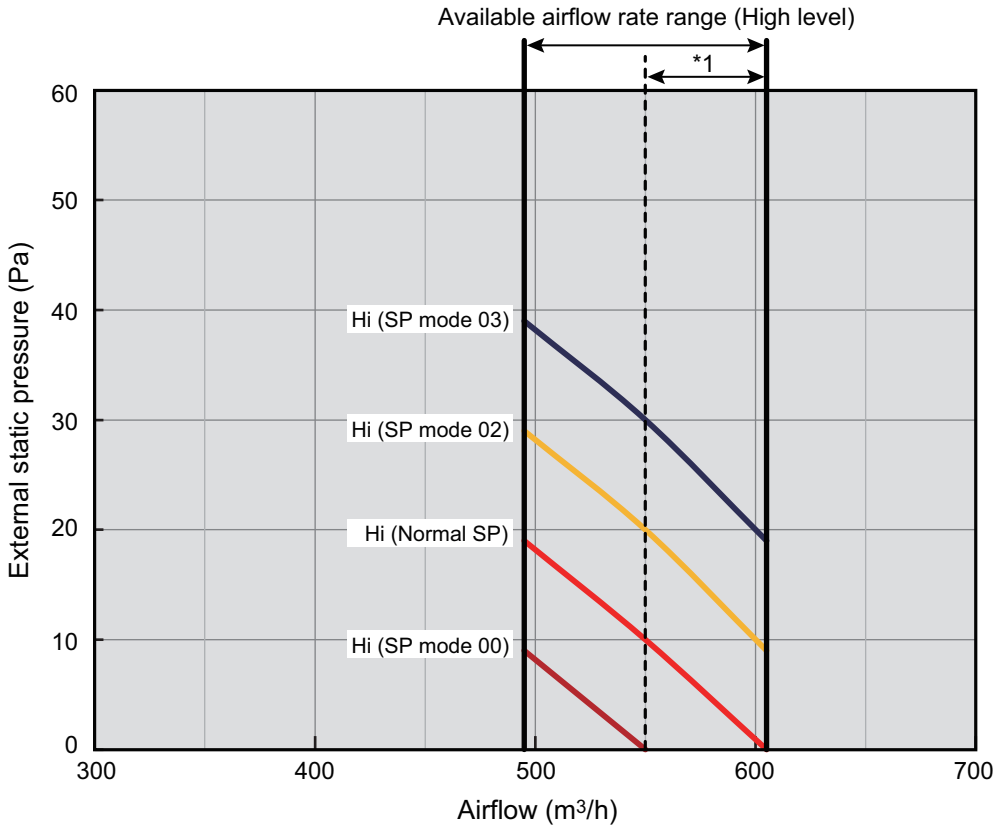


6. Fan performance

6-1. Mini duct type

■ Model: ARYG07LSLAP

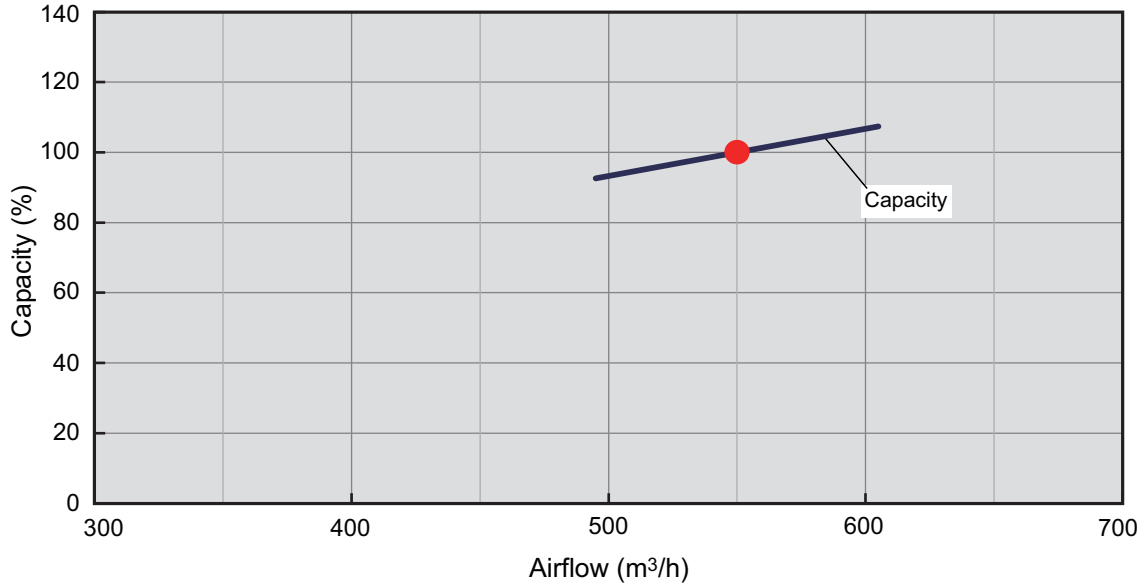




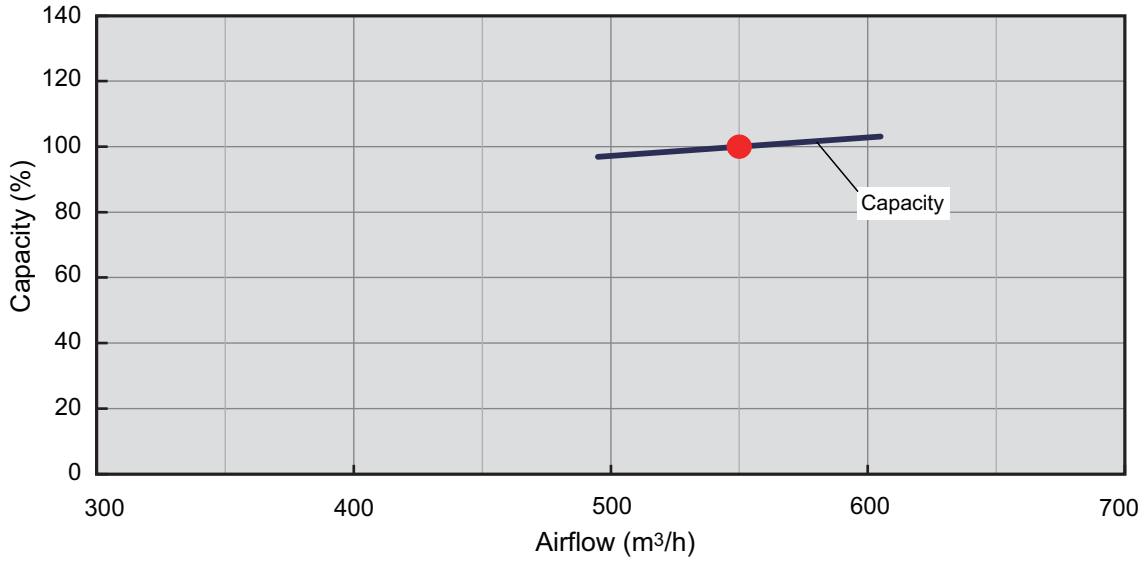
*1: Available airflow rate range when Auto louver grille (option) is installed.
Fan speed: HIGH
Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

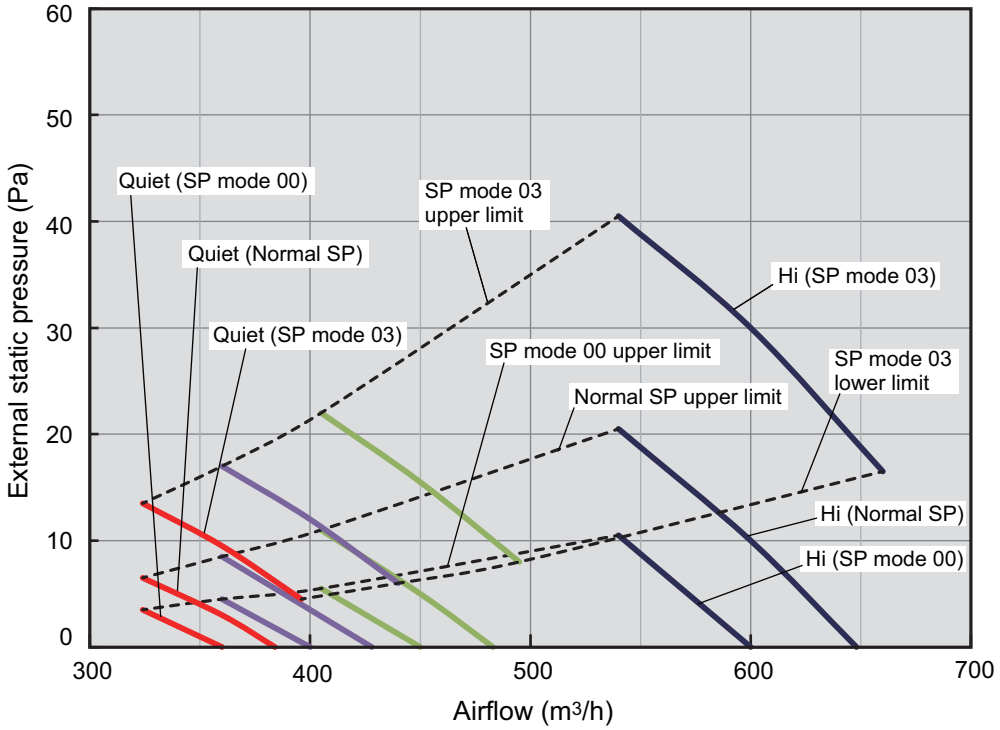
- **Cooling**

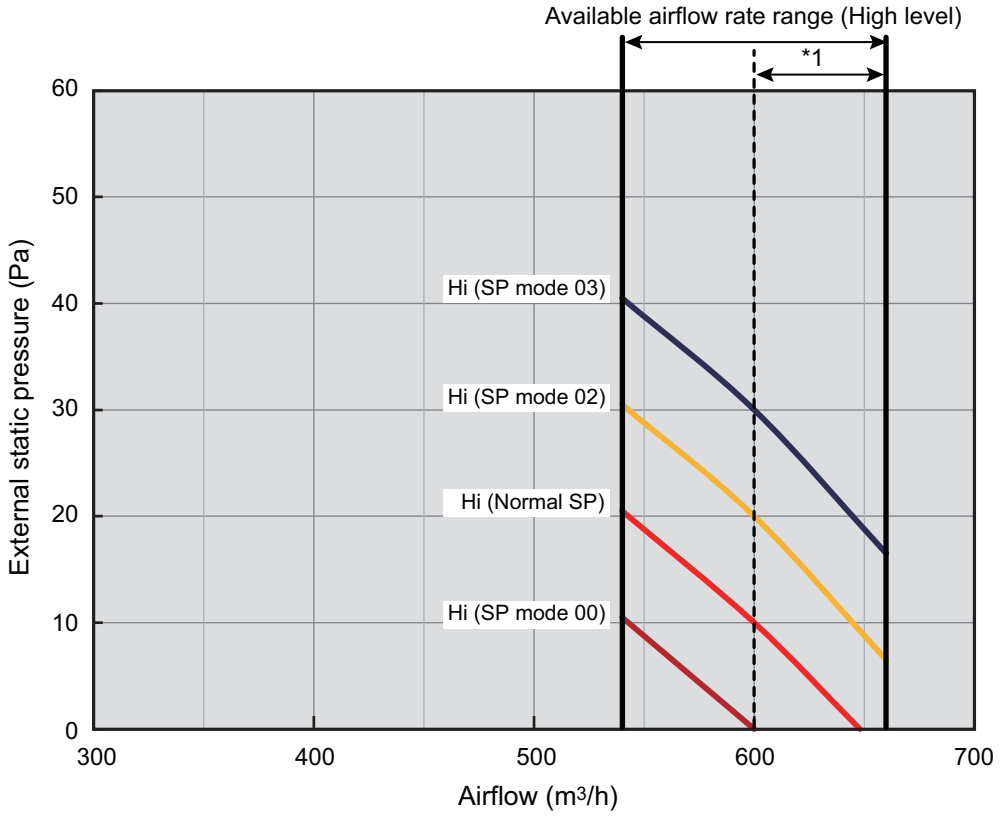


- **Heating**



■ Model: ARYG09LSLAP

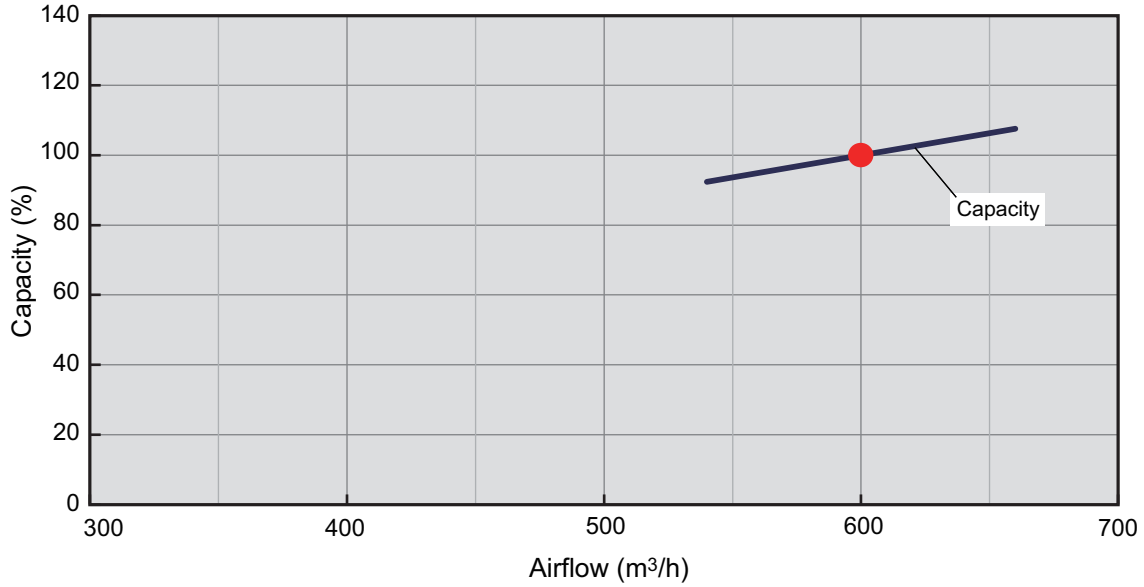




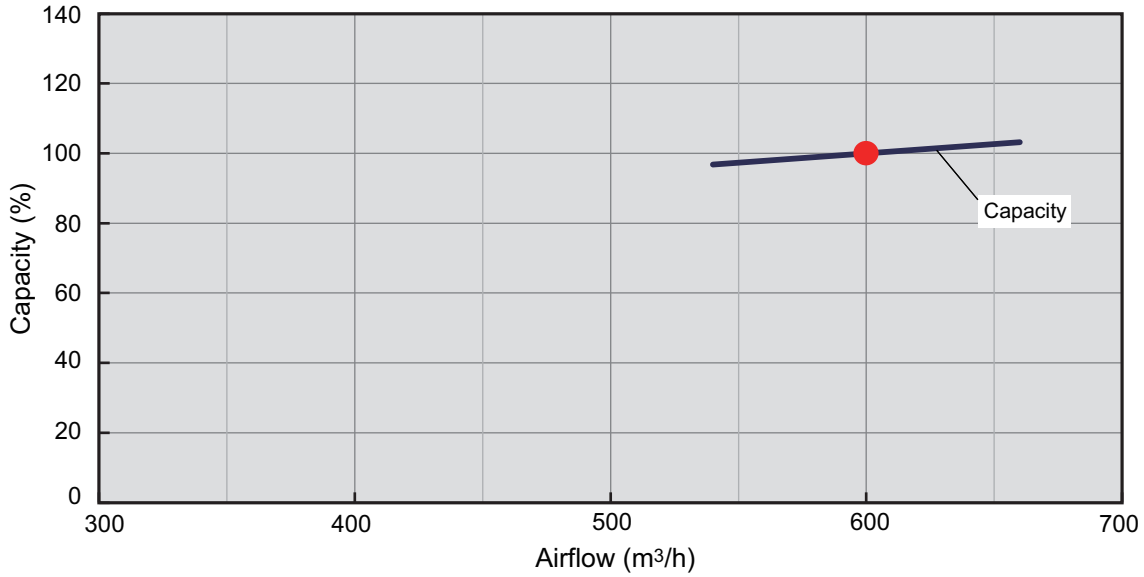
*1: Available airflow rate range when Auto louver grille (option) is installed.
Fan speed: HIGH
Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

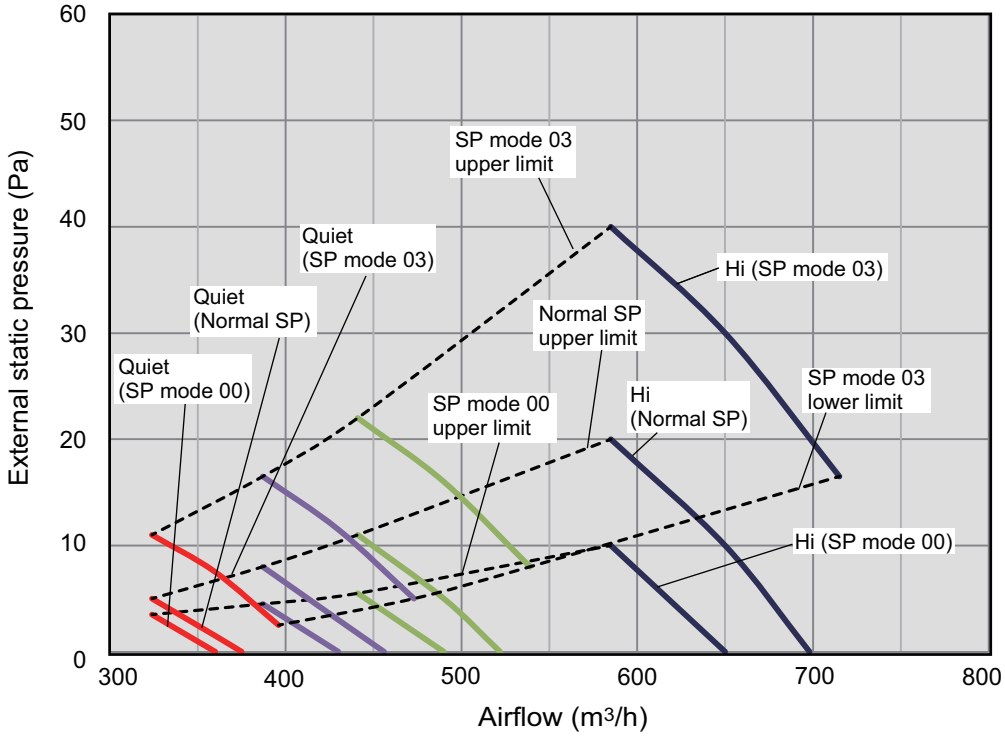
- **Cooling**

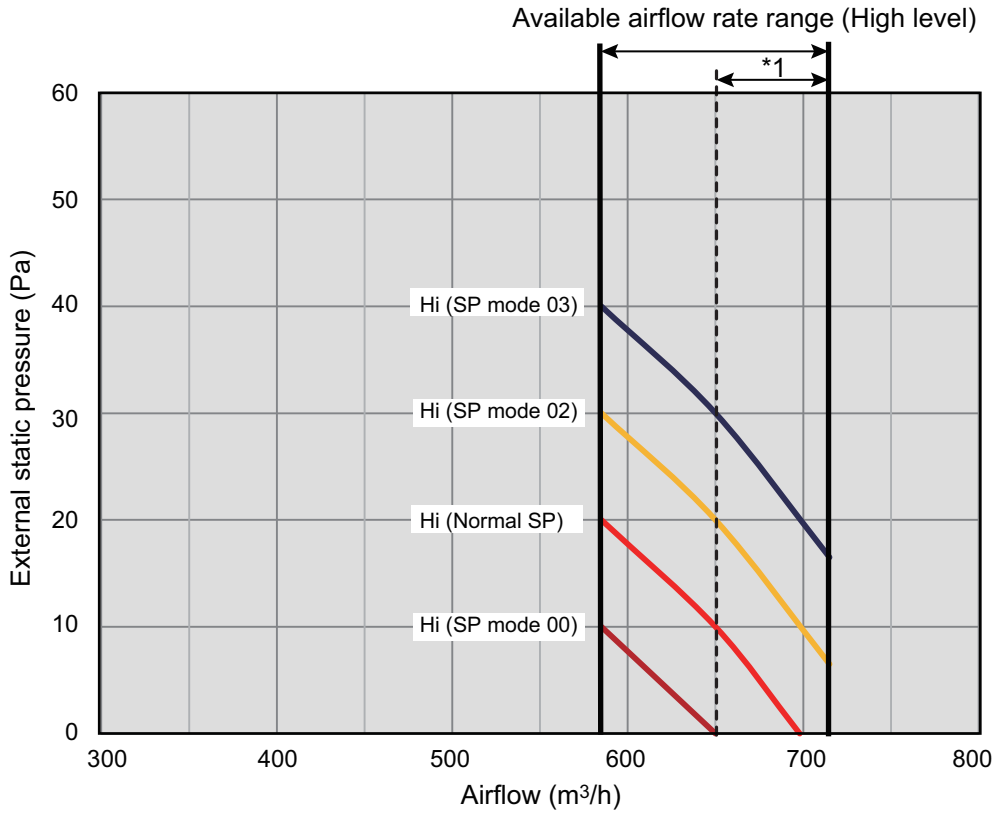


- **Heating**



■ Model: ARYG12LSLAP

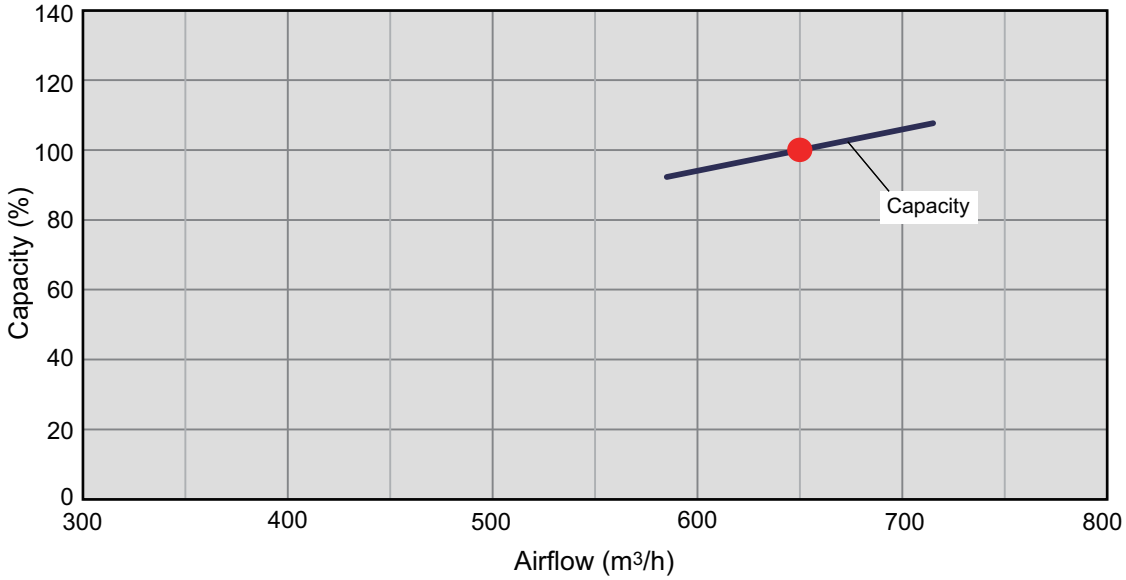




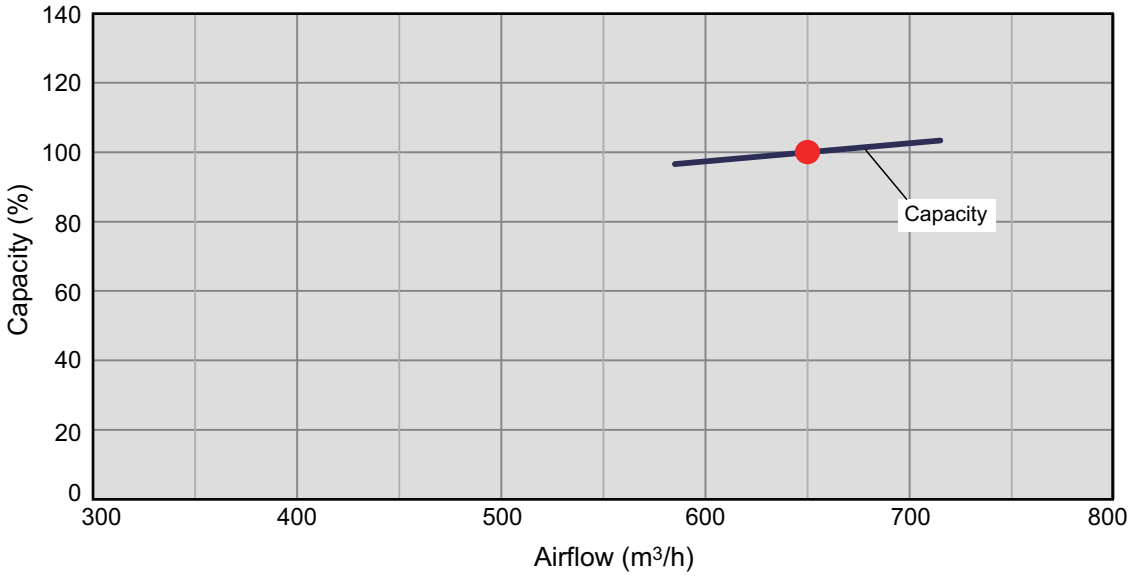
*1: Available airflow rate range when Auto louver grille (option) is installed.
Fan speed: HIGH
Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

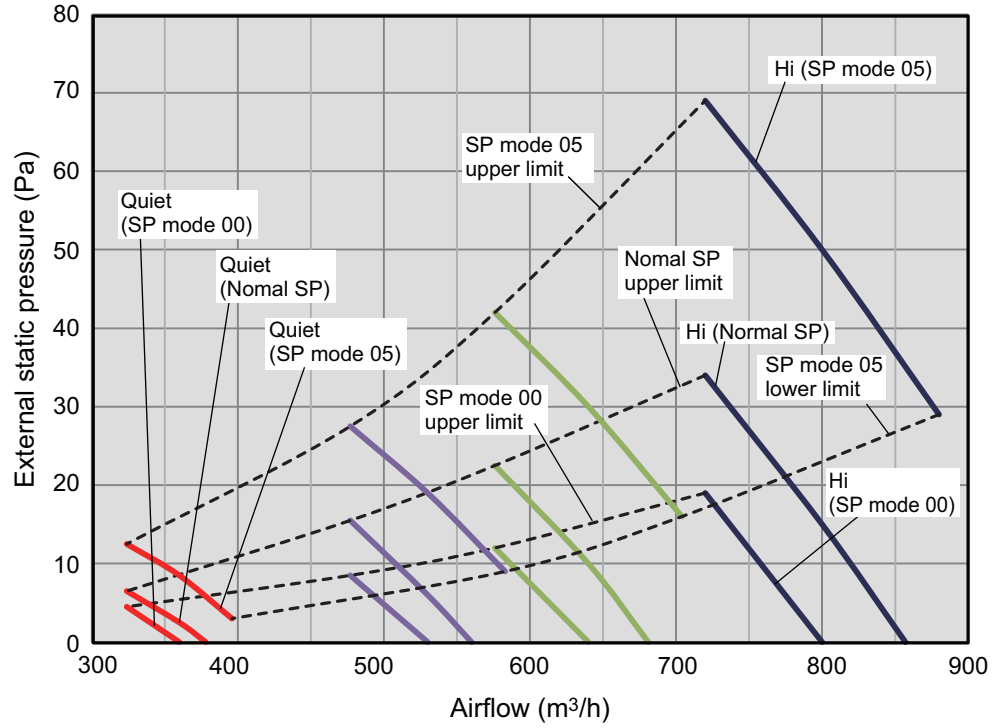
- **Cooling**



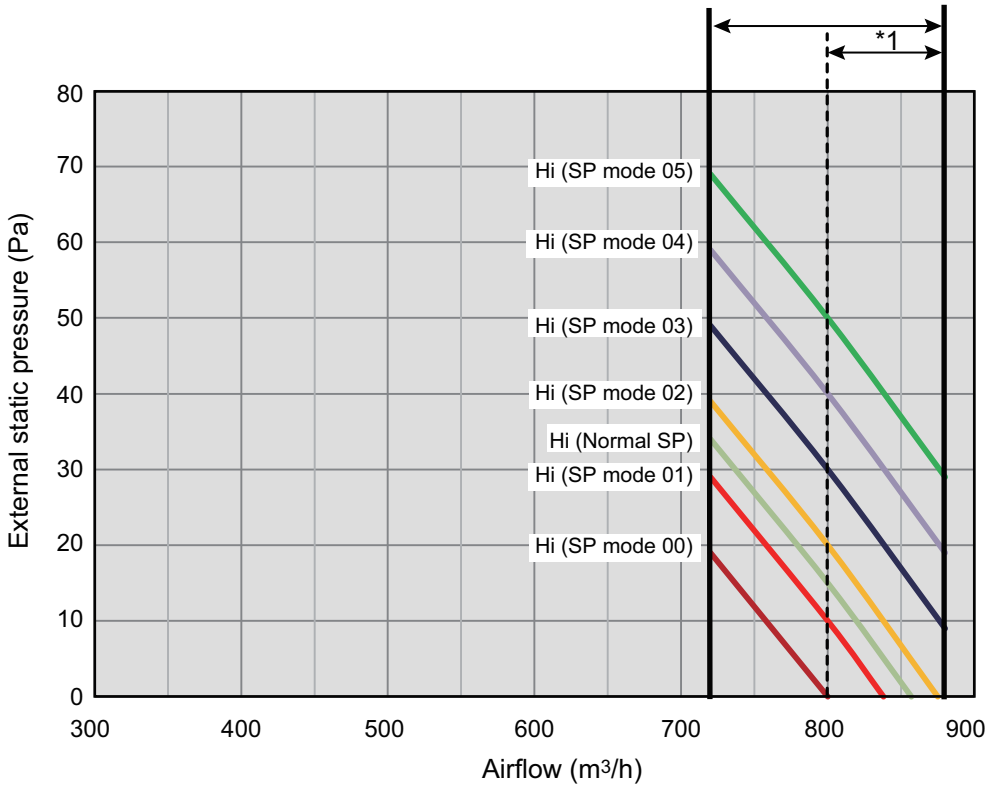
- **Heating**



■ Model: ARYG14LSLAP



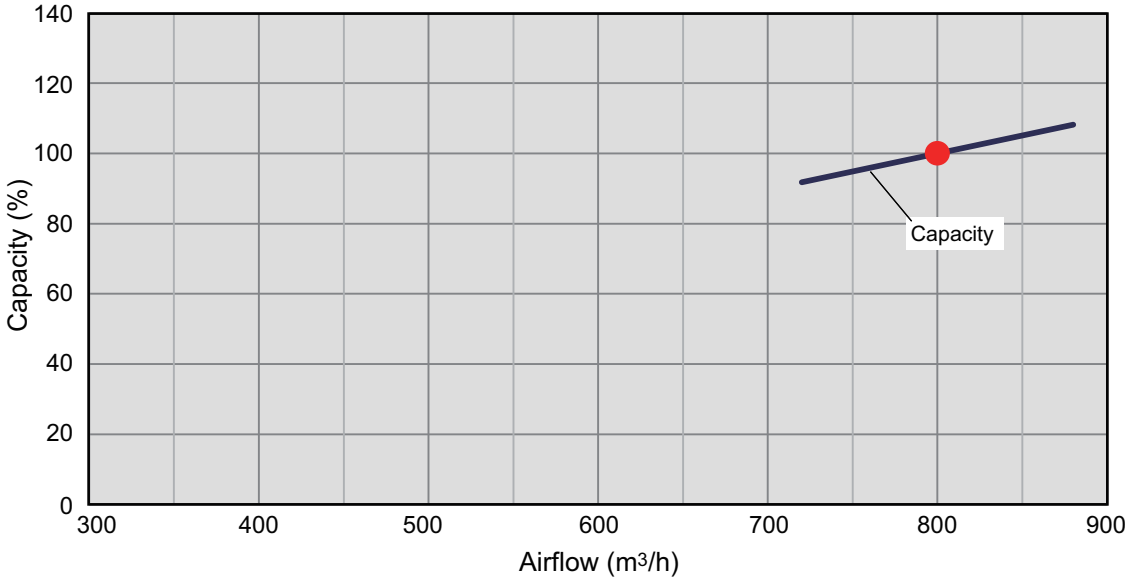
Available airflow rate range (High level)



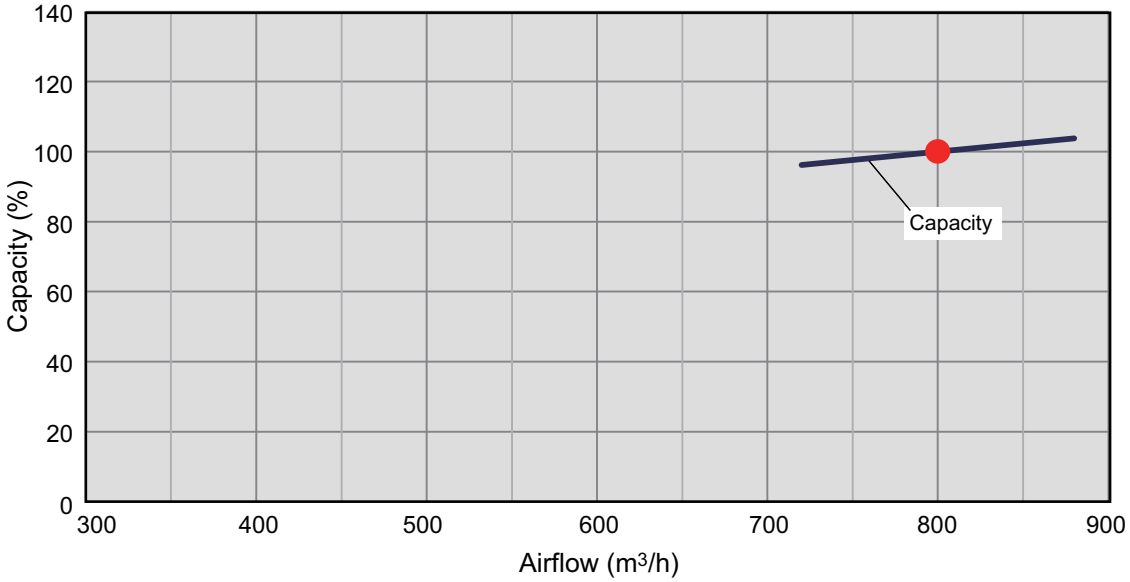
*1: Available airflow rate range when Auto louver grille (option) is installed.
Fan speed: HIGH
Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

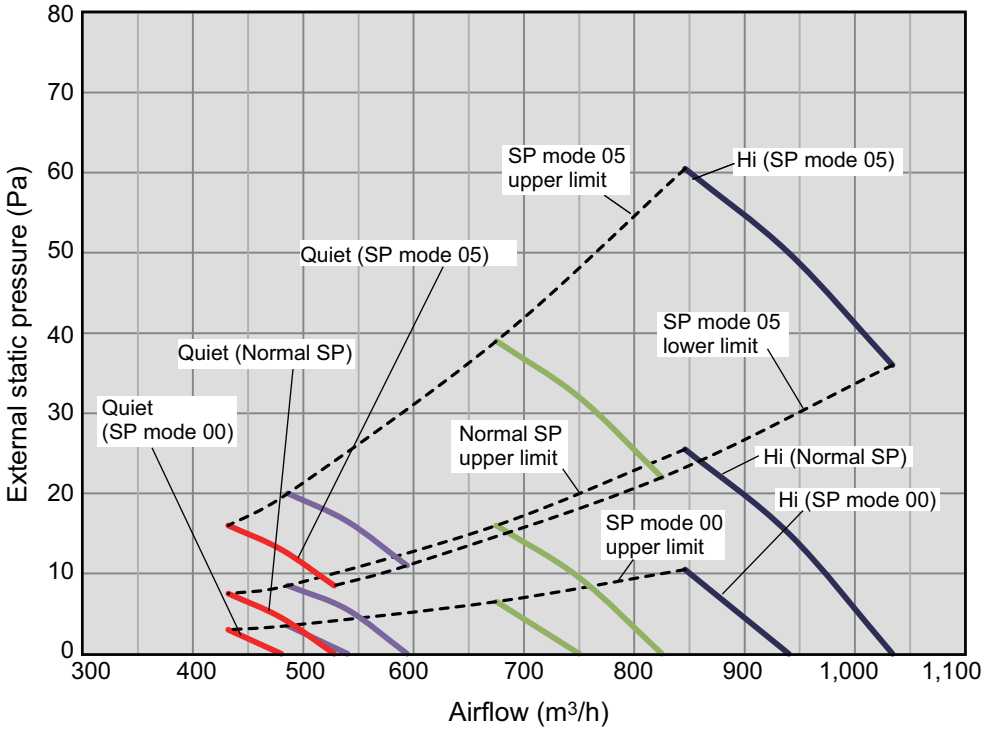
- **Cooling**



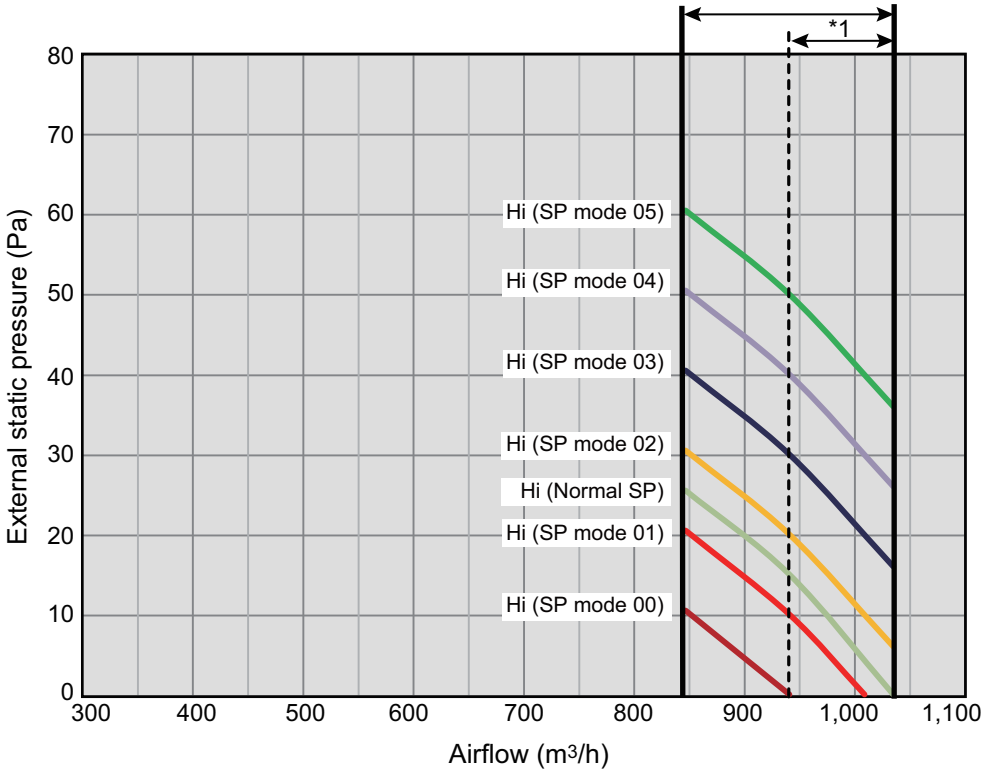
- **Heating**



■ Model: ARYG18LSLAP



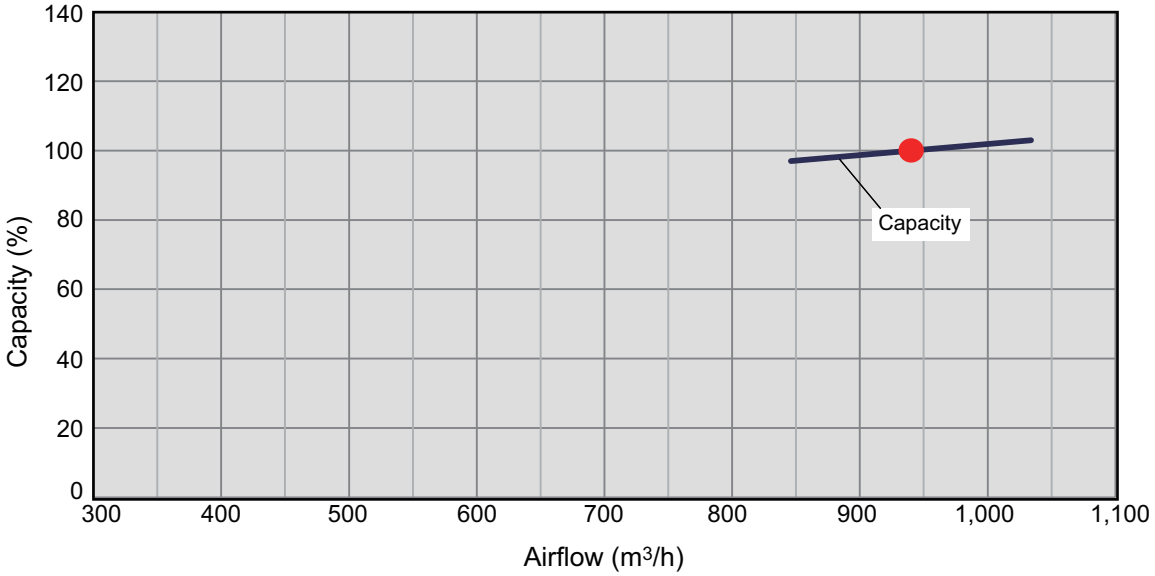
Available airflow rate range (High level)



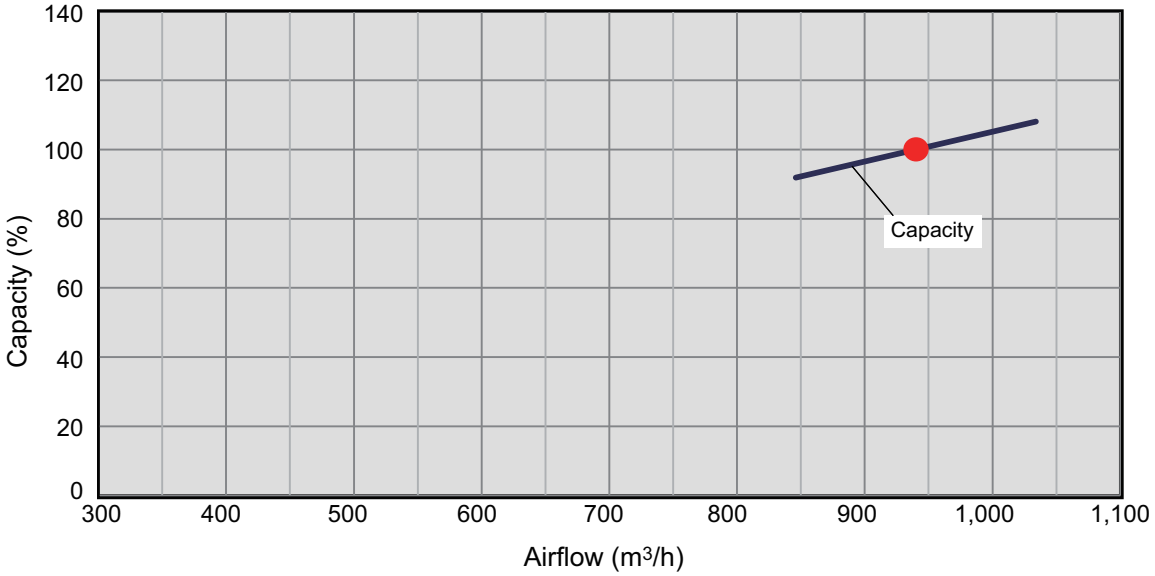
*1: Available airflow rate range when Auto louver grille (option) is installed.
Fan speed: HIGH
Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

- **Cooling**

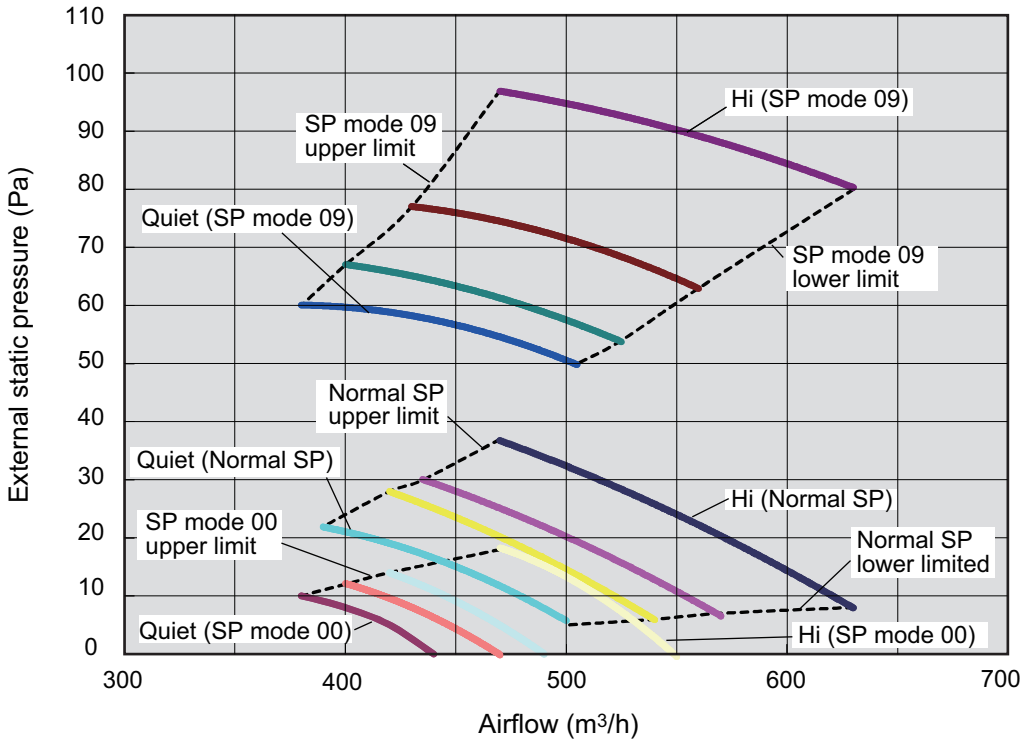


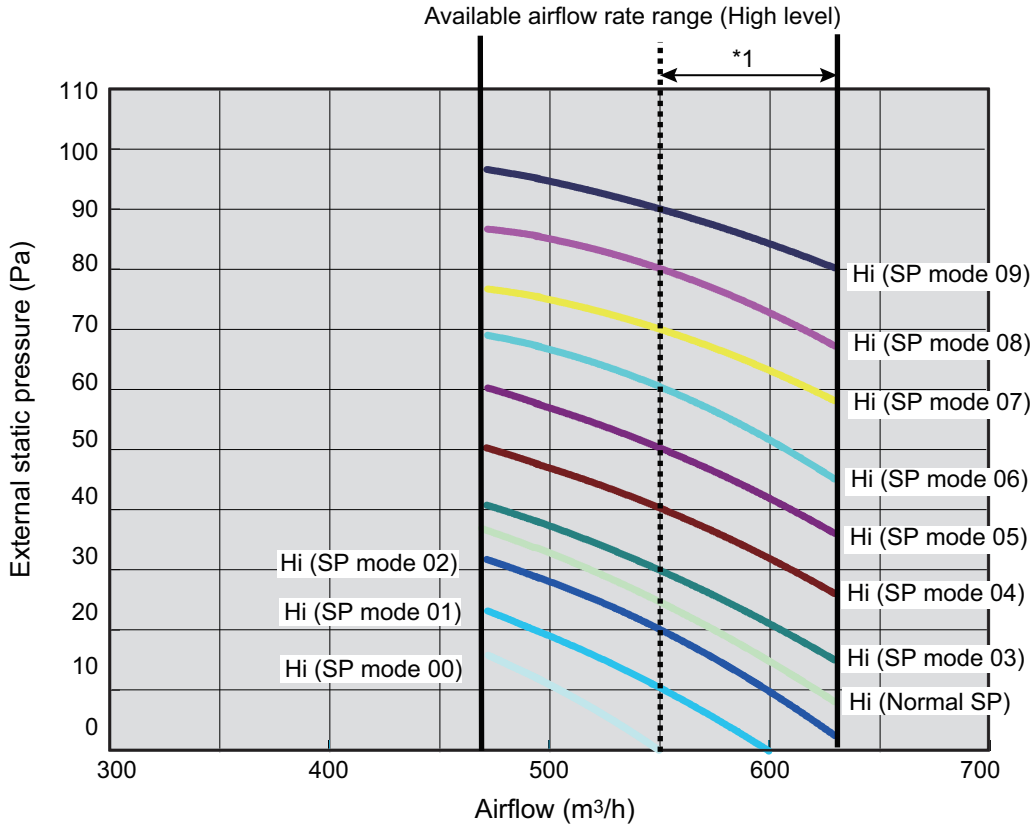
- **Heating**



6-2. Slim duct type

■ Model: ARYG07LLTA

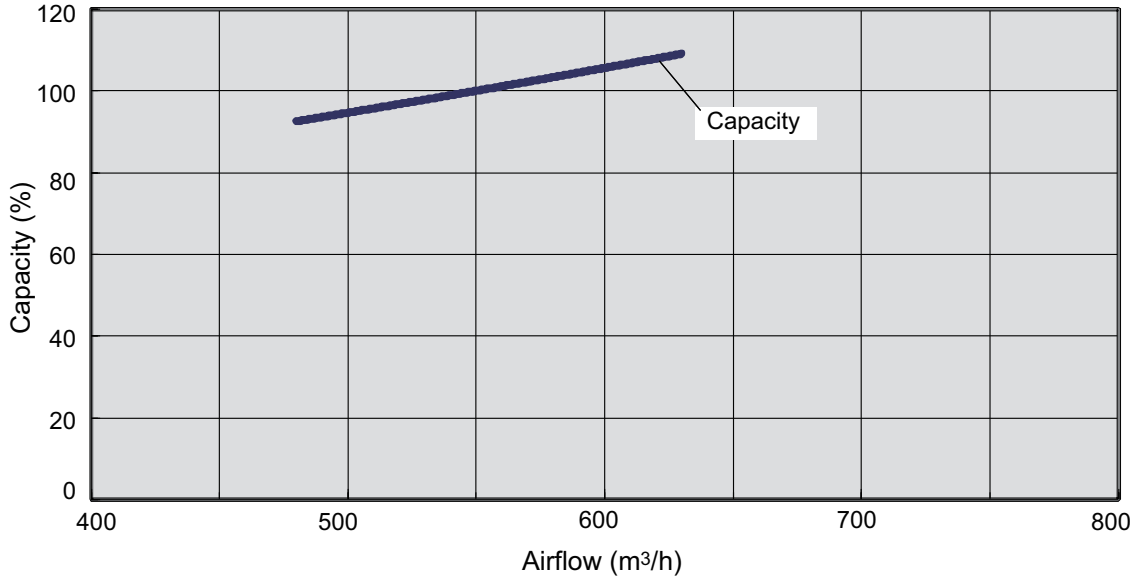




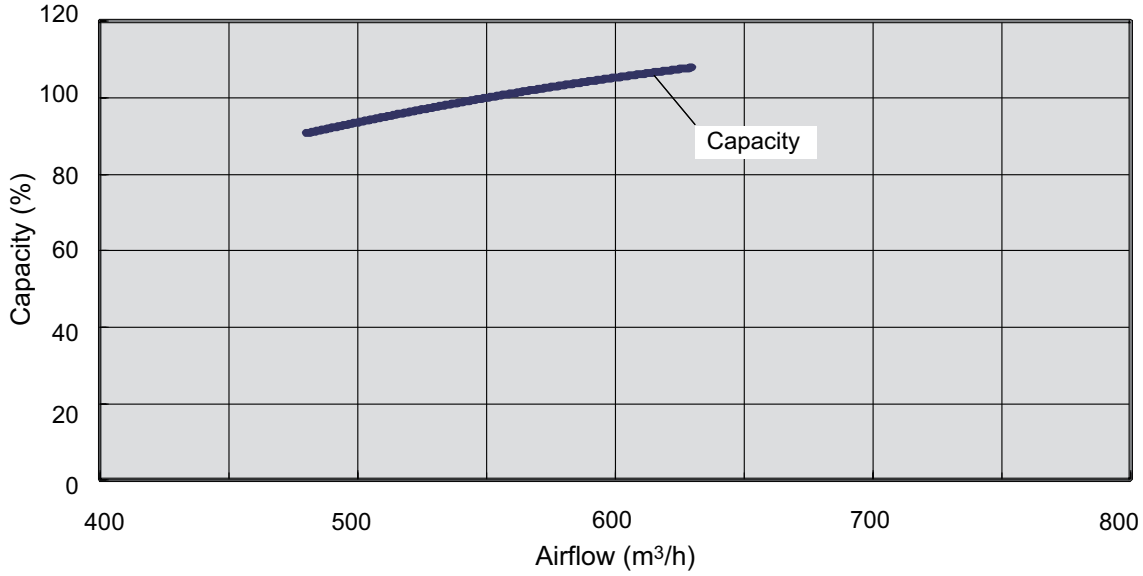
*1: Available airflow rate range when Auto louver grille (option) is installed.
Fan speed: HIGH
Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

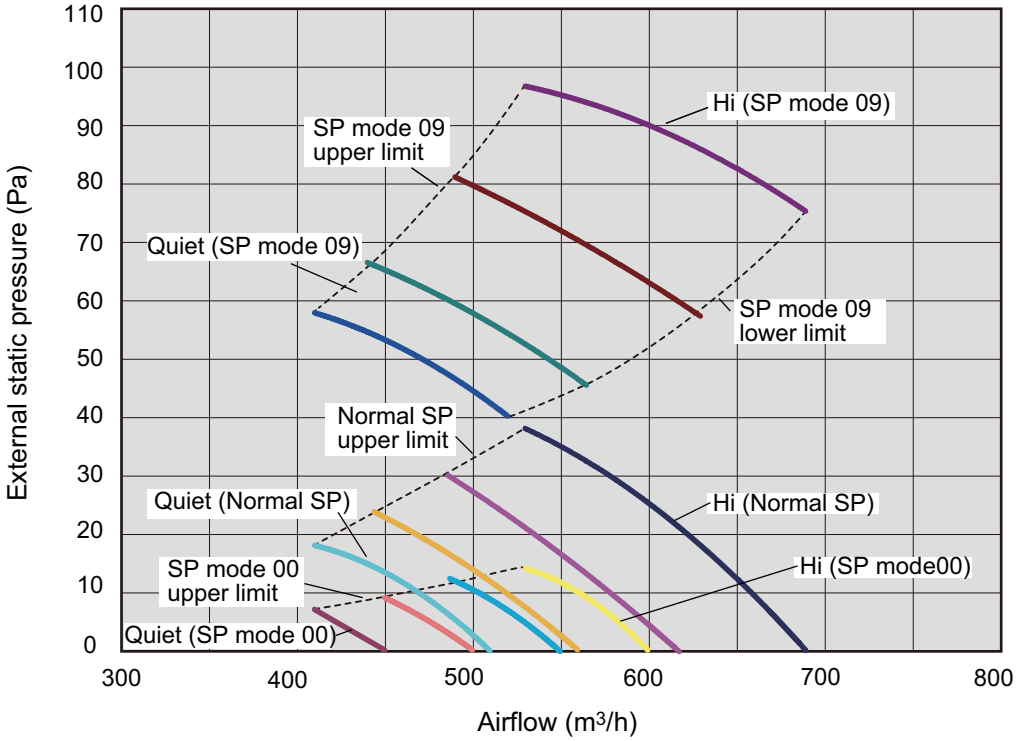
- **Cooling**

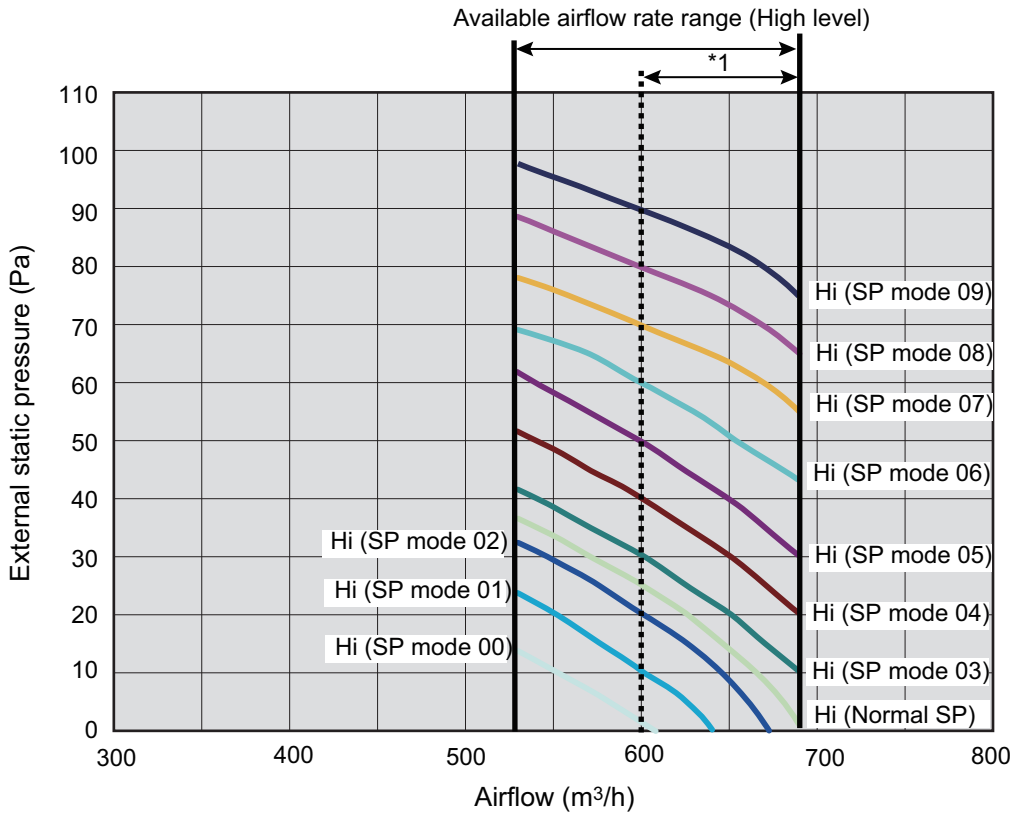


- **Heating**



■ Model: ARYG09LLTA

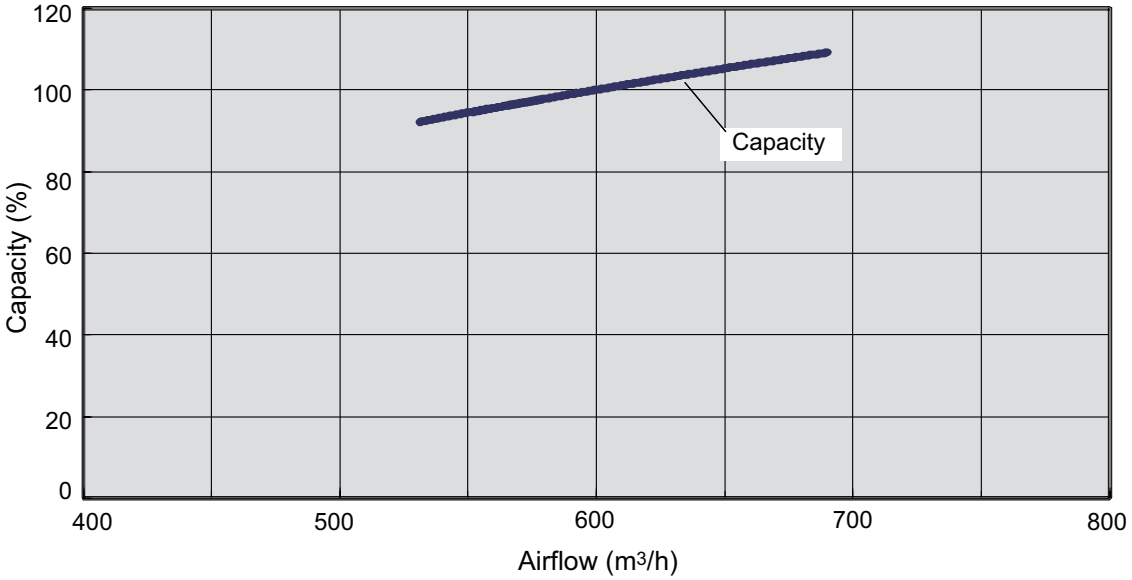




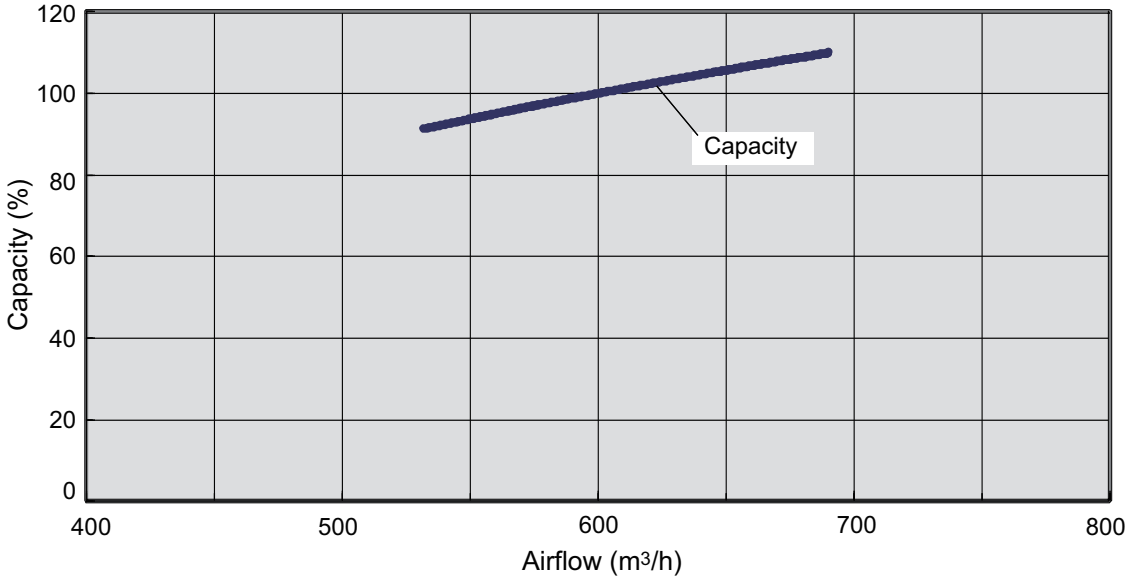
*1: Available airflow rate range when Auto louver grille (option) is installed.
Fan speed: HIGH
Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

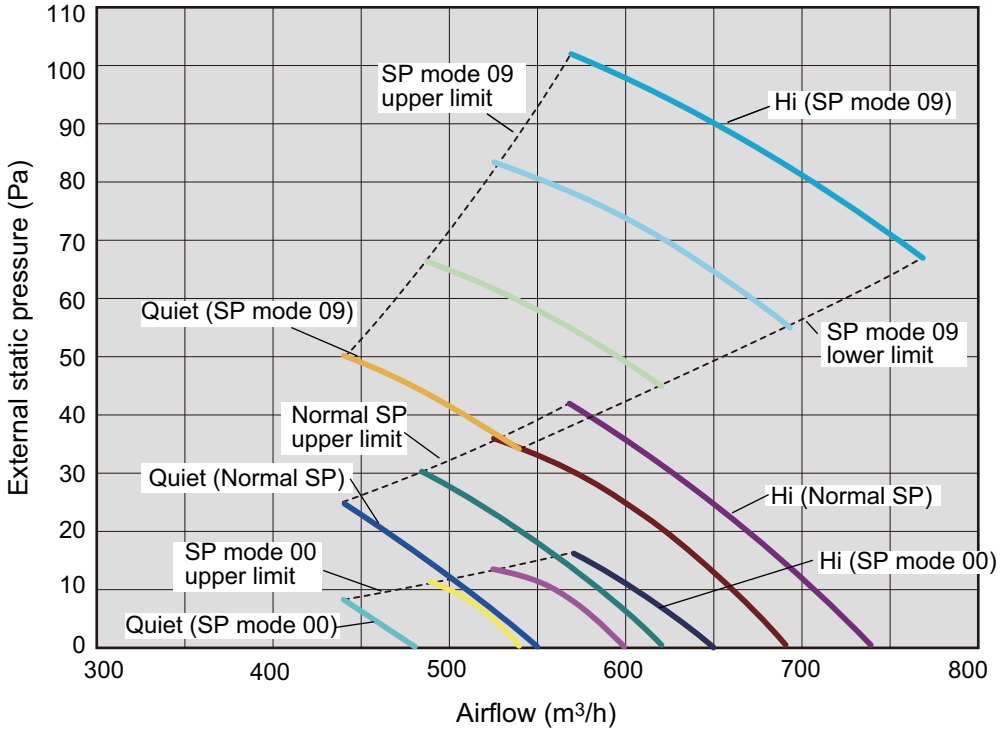
- **Cooling**

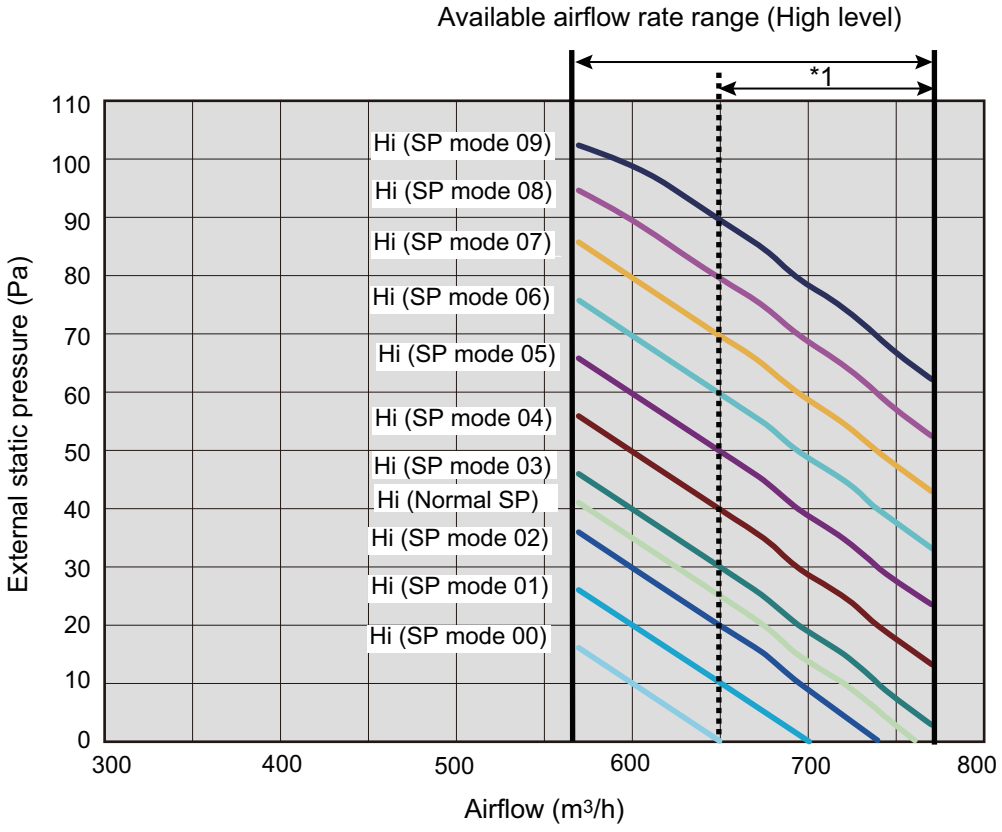


- **Heating**



■ Models: ARYG12LLTA and ARYG12LLTB

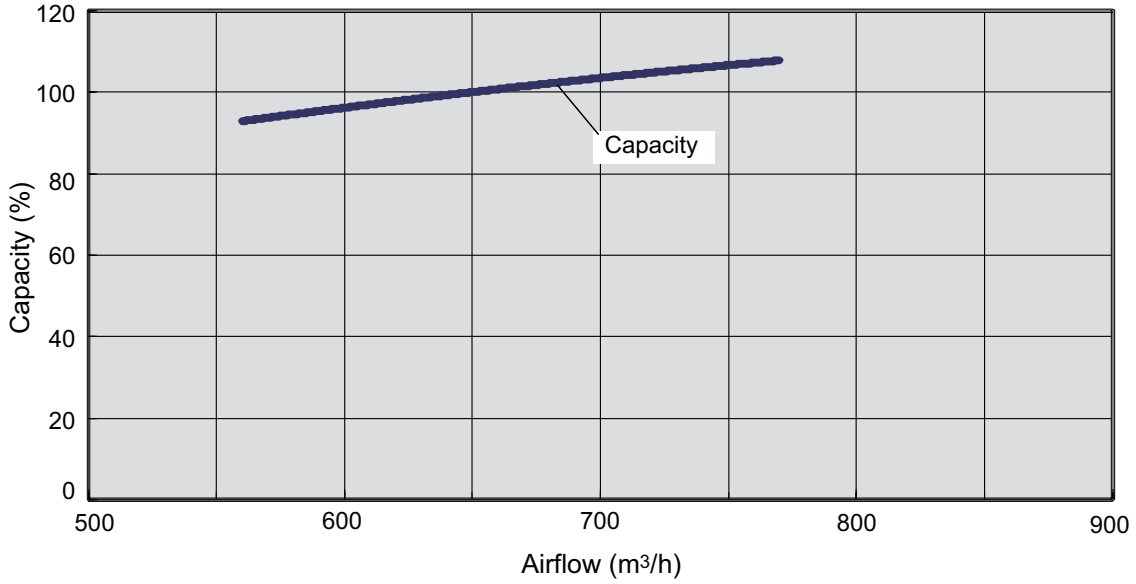




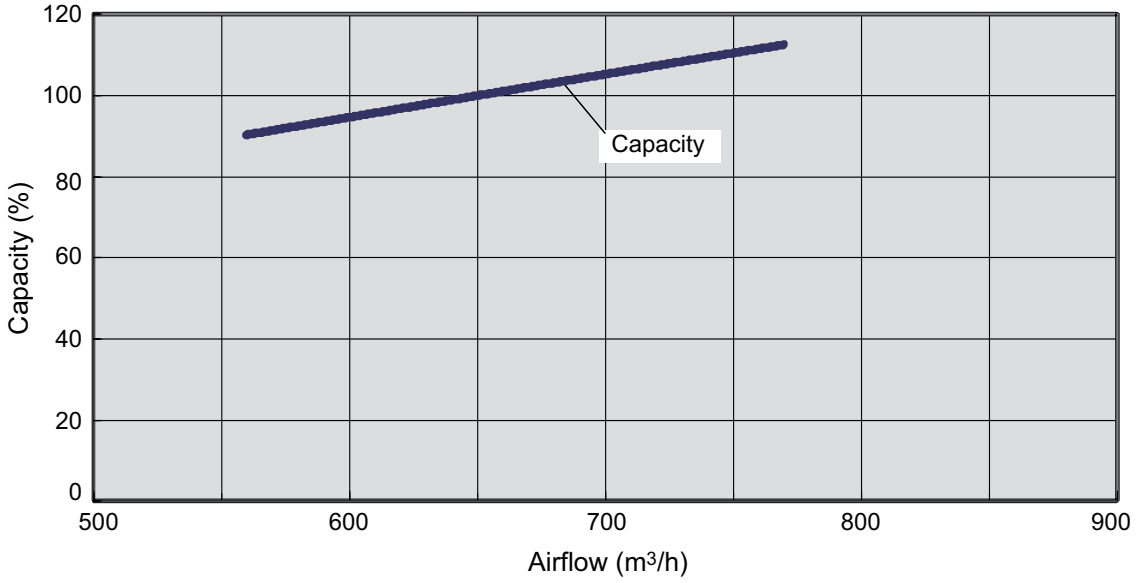
*1: Available airflow rate range when Auto louver grille (option) is installed.
Fan speed: HIGH
Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

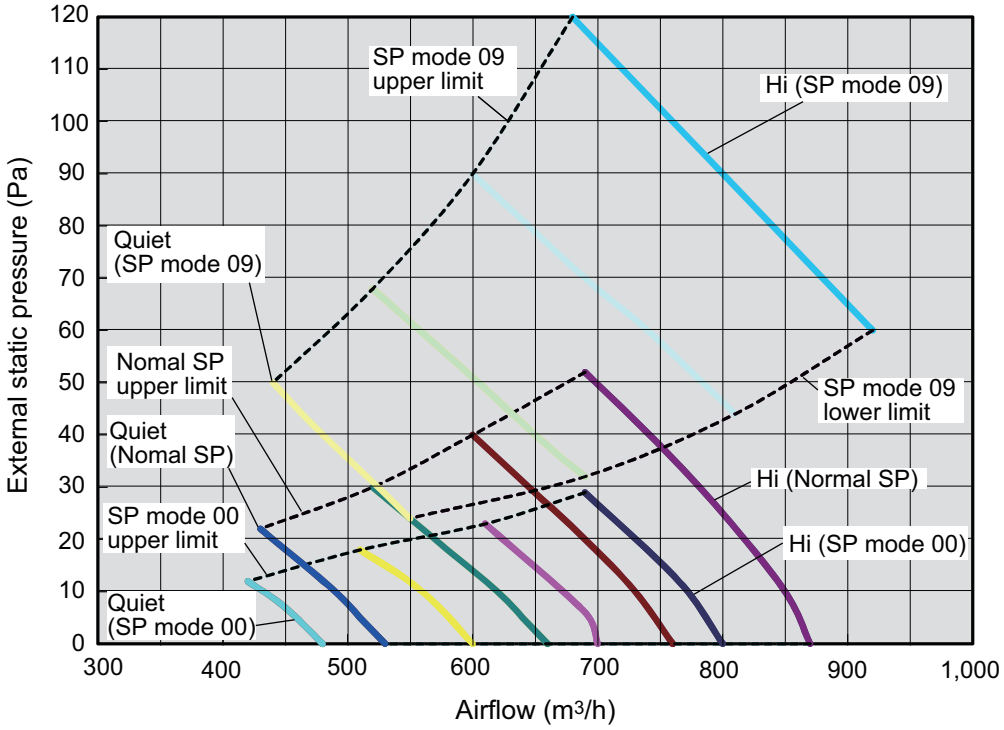
- **Cooling**



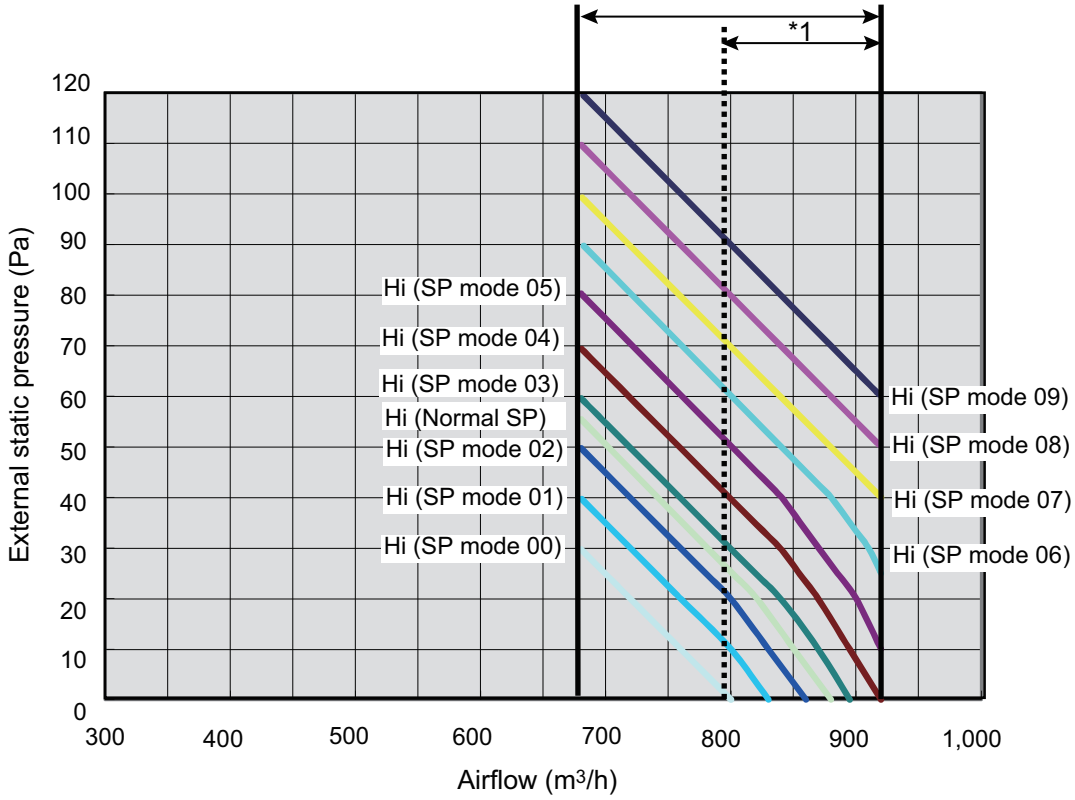
- **Heating**



■ Models: ARYG14LLTA and ARYG14LLTB



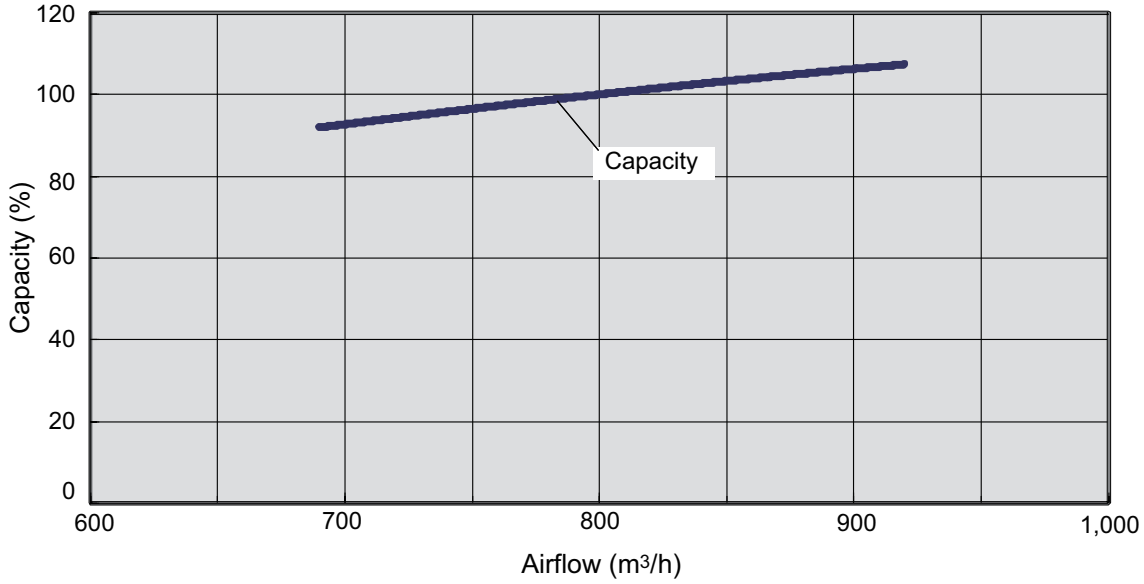
Available airflow rate range (High level)



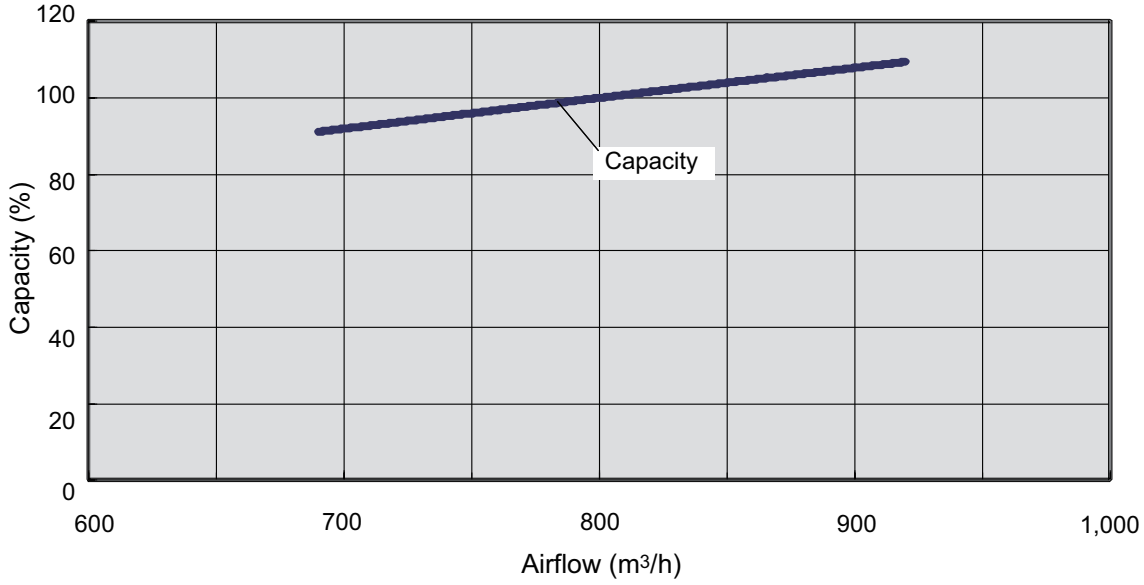
*1: Available airflow rate range when Auto louver grille (option) is installed.
Fan speed: HIGH
Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

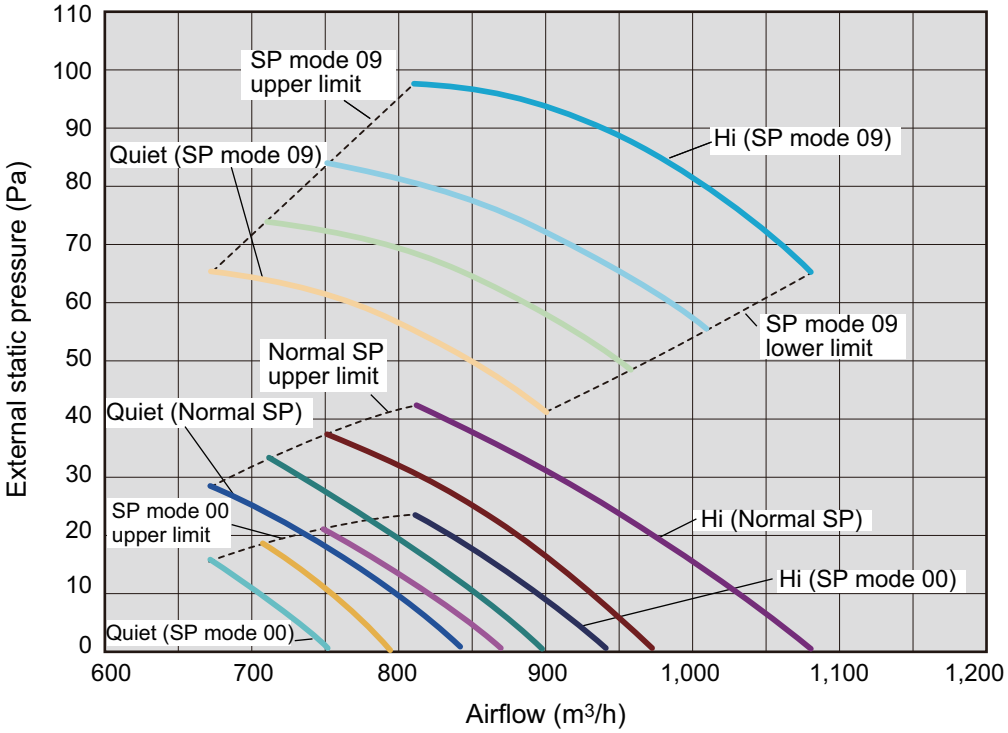
- **Cooling**

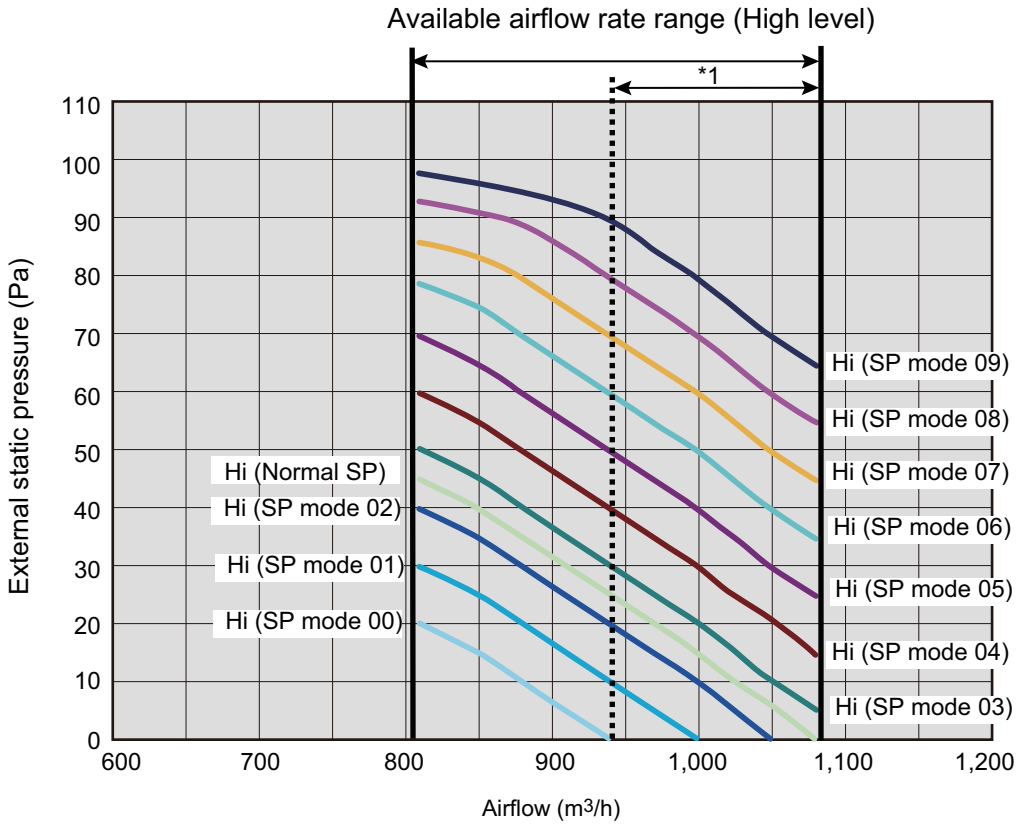


- **Heating**



■ Models: ARYG18LLTA and ARYG18LLTB

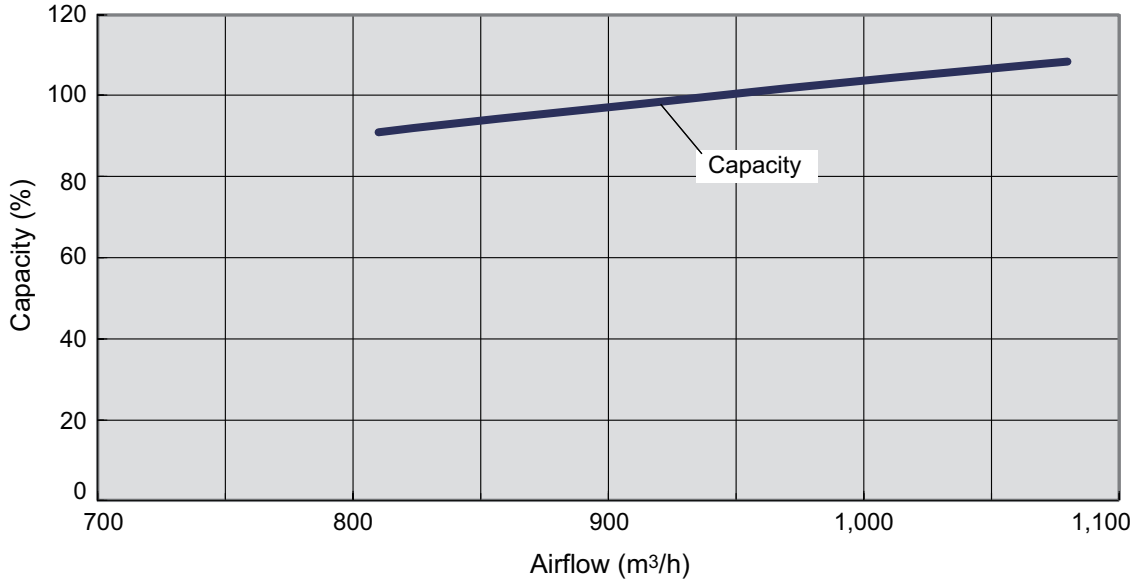




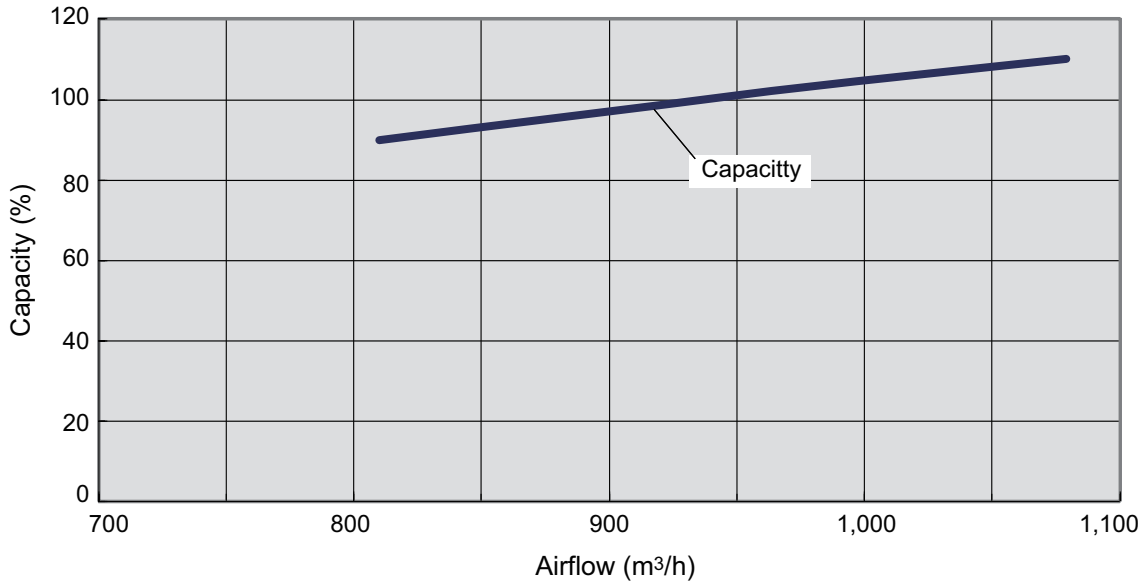
*1: Available airflow rate range when Auto louver grille (option) is installed.
Fan speed: HIGH
Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

- **Cooling**



- **Heating**



7. Airflow

Conversion factor:

- 1 m^3/h = 0.2778 l/s = 0.5886 CFM
- 3.6 m^3/h = 1 l/s
- 1.699 m^3/h = 1 CFM

7-1. Compact cassette type

Model	Operation mode	Fan speed	Airflow		
			m^3/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^3/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^3/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^3/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^3/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^3/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^3/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

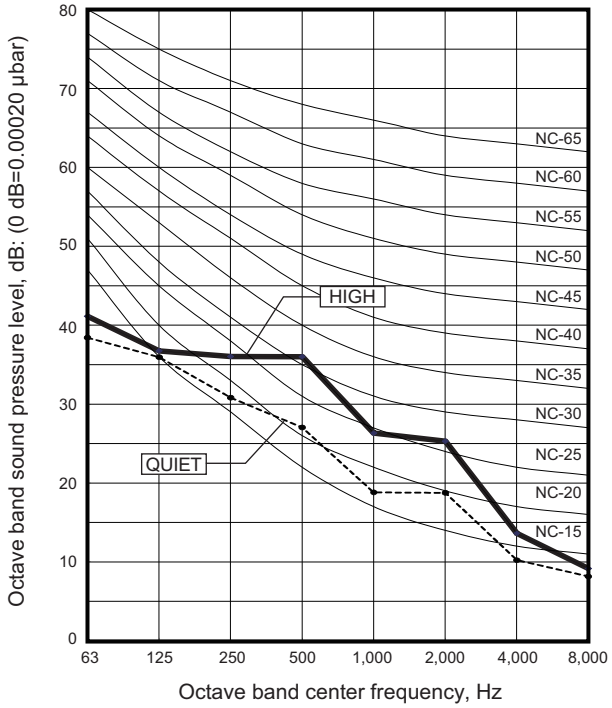
Model	Operation mode	Fan speed	Airflow		
			m^3/h	l/s	CFM
AGYG09LVCA	Cooling	High	530	147	312
		Med	440	122	259
		Low	360	100	212
		Quiet	270	75	159
	Heating	High	530	147	312
		Med	460	128	270
		Low	380	106	224
		Quiet	270	75	159
AGYG12LVCA	Cooling	High	600	167	353
		Med	490	136	288
		Low	380	106	224
		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

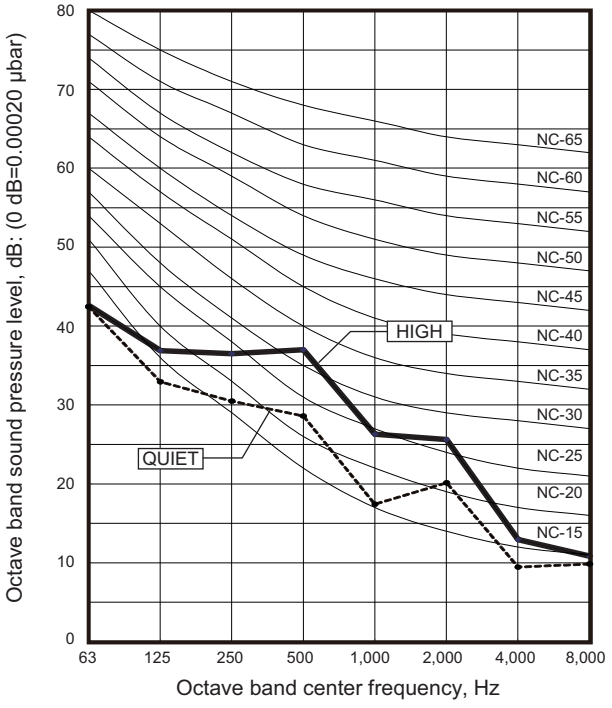
8-1. Compact cassette type

■ Model: AUYG07LVLA

● Cooling

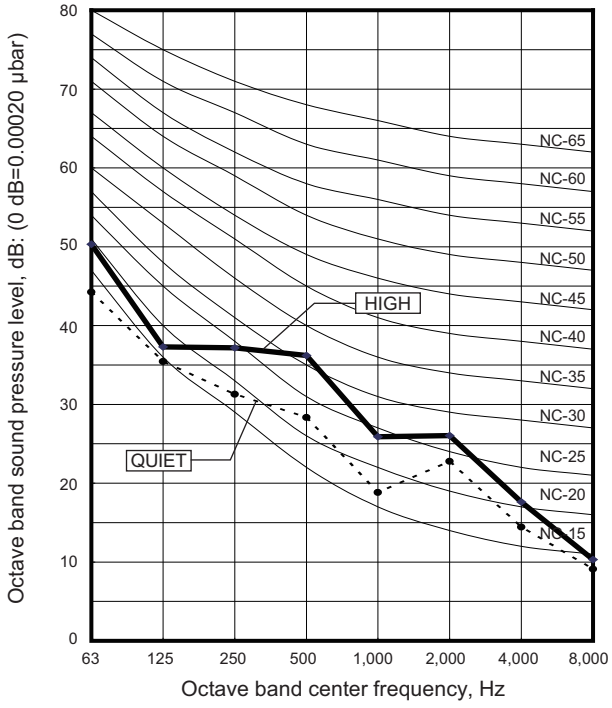


● Heating

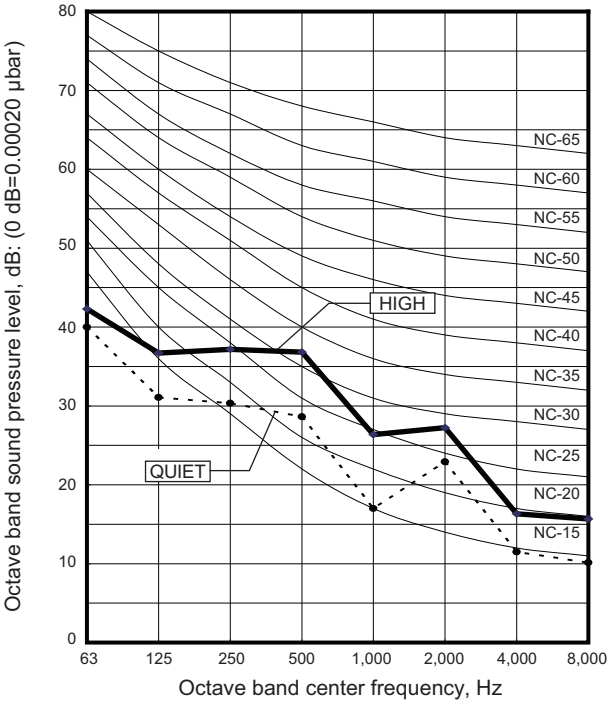


■ Model: AUYG09LVLA

● Cooling

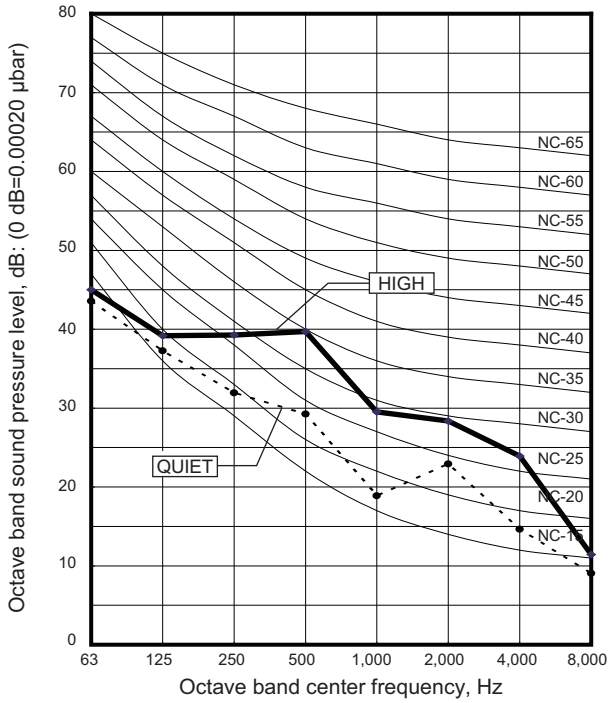


● Heating

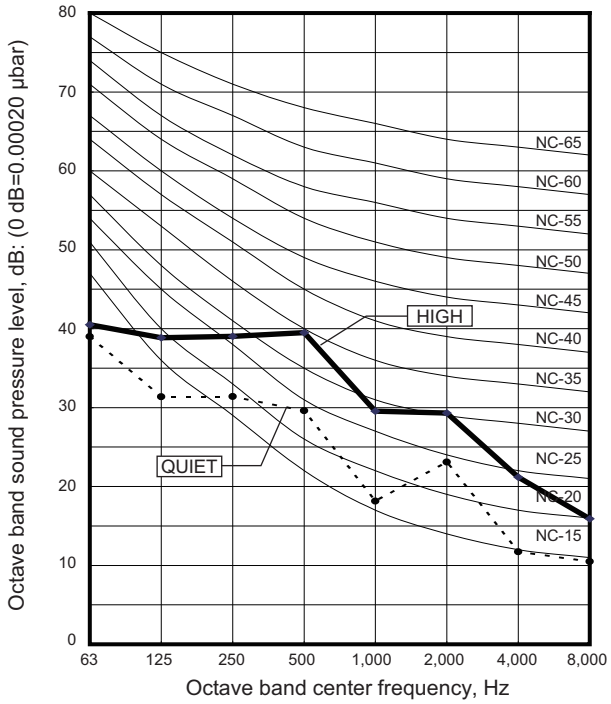


■ Models: AUYG12LVLA and AUYG12LVLB

● Cooling

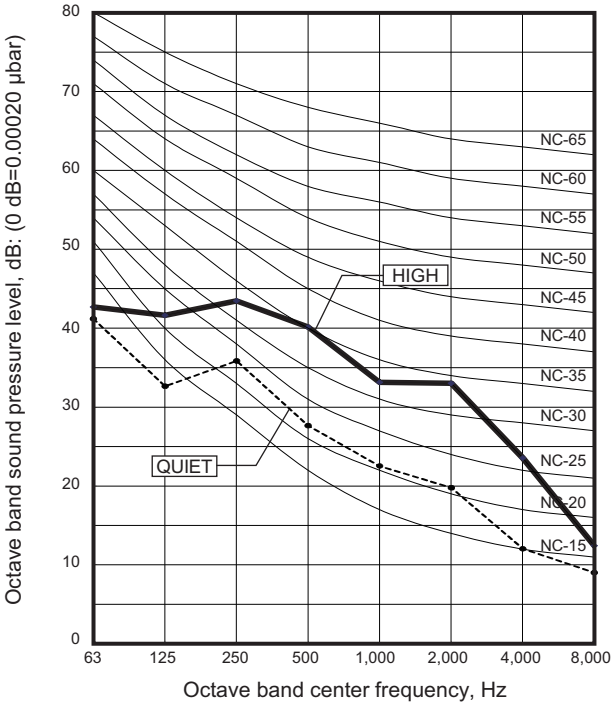


● Heating

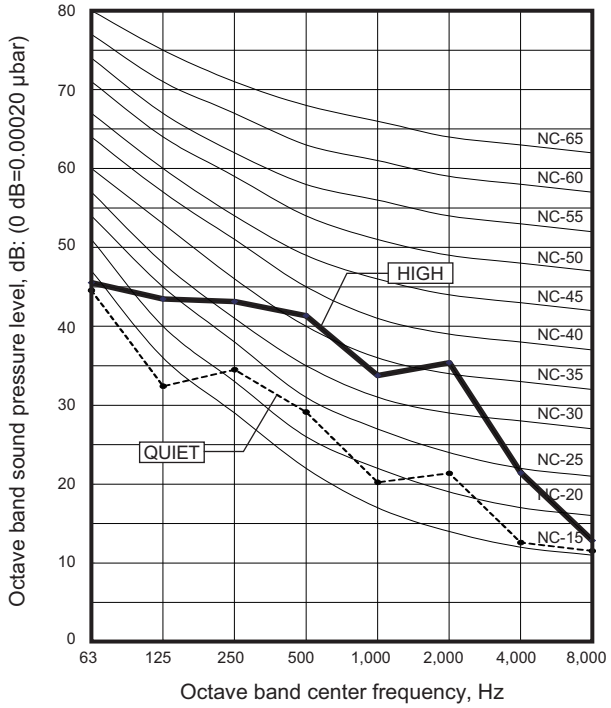


■ Models: AUYG14LVLA and AUYG14LVLB

● Cooling

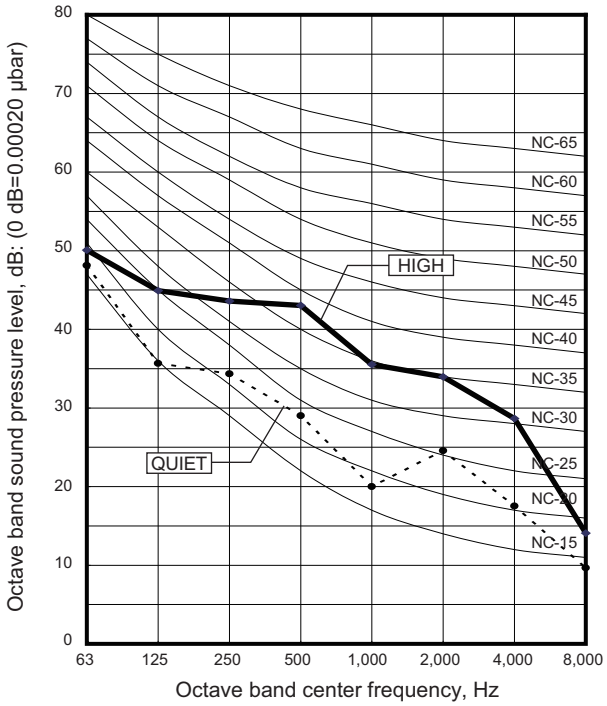


● Heating

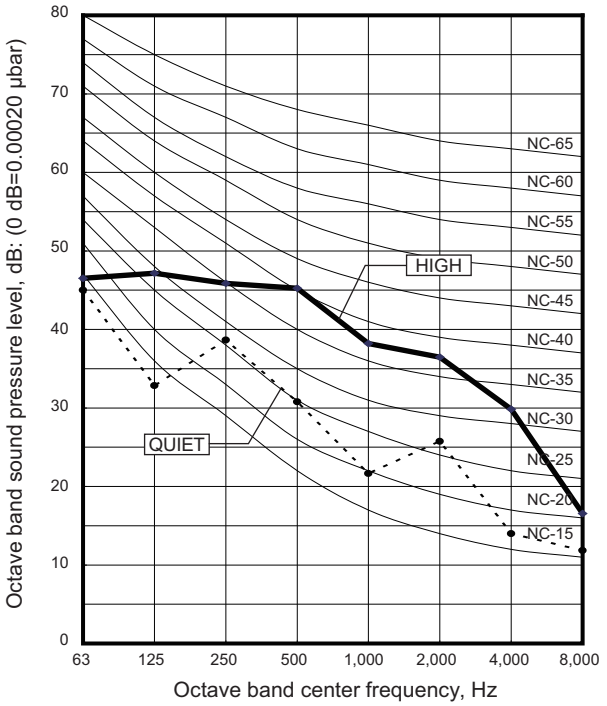


■ Models: AUYG18LVLA and AUYG18LVLB

● Cooling



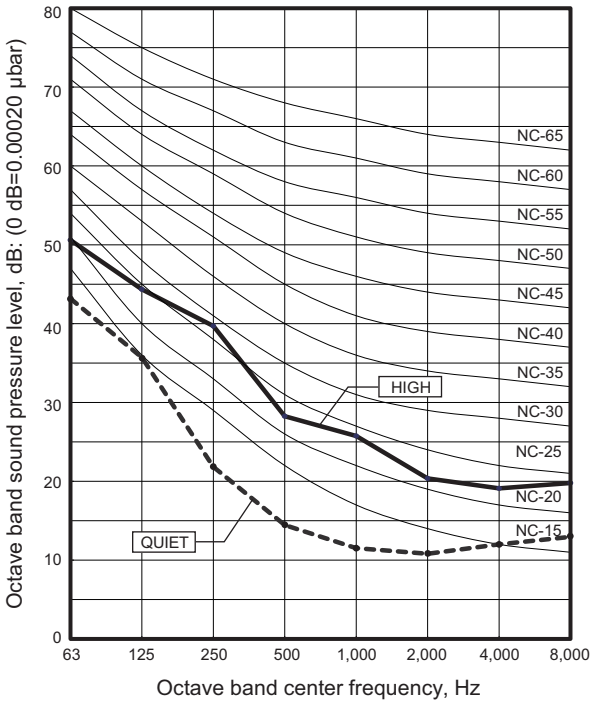
● Heating



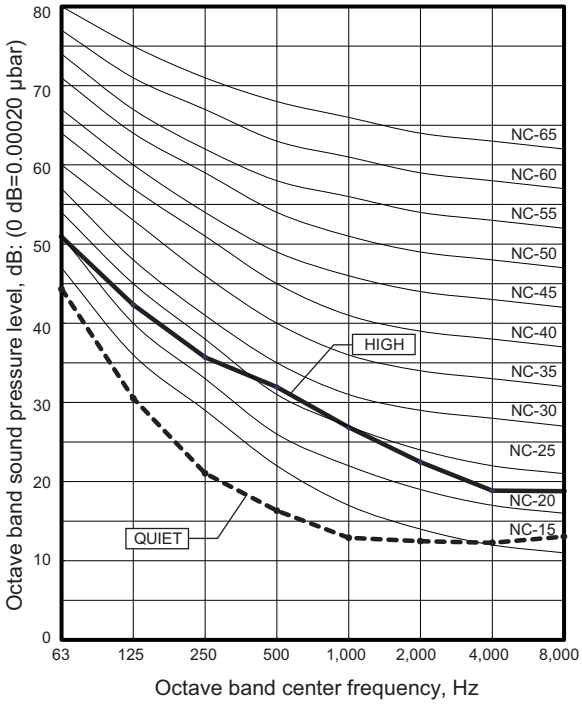
8-2. Mini duct type

■ Model: ARYG07LSLAP

● Cooling

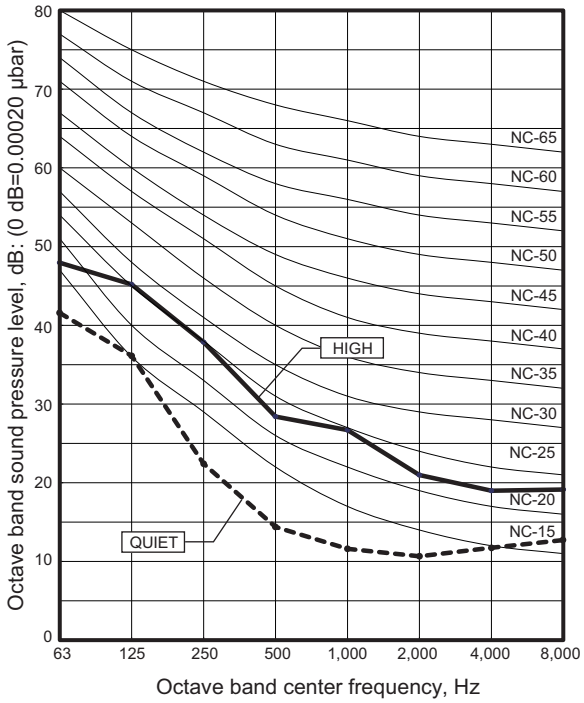


● Heating

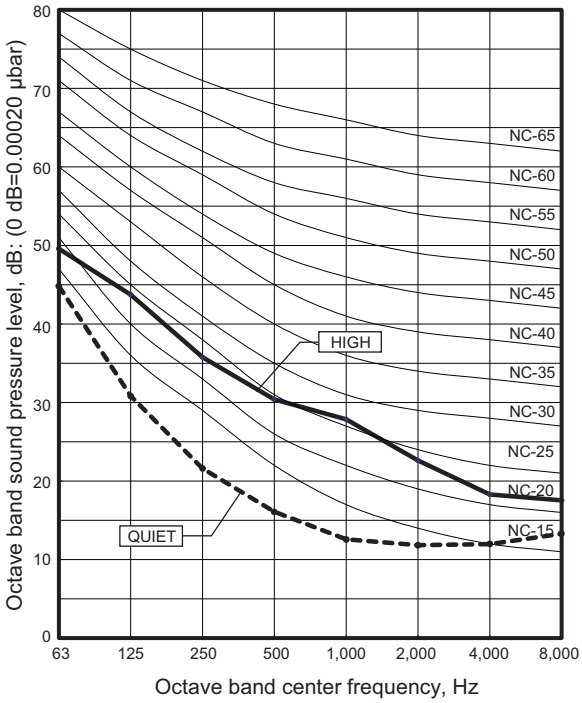


■ Model: ARYG09LSLAP

● Cooling

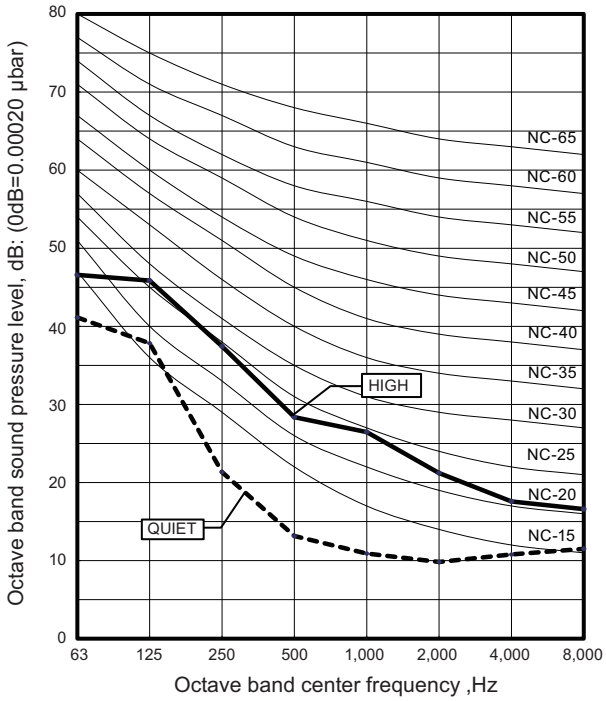


● Heating

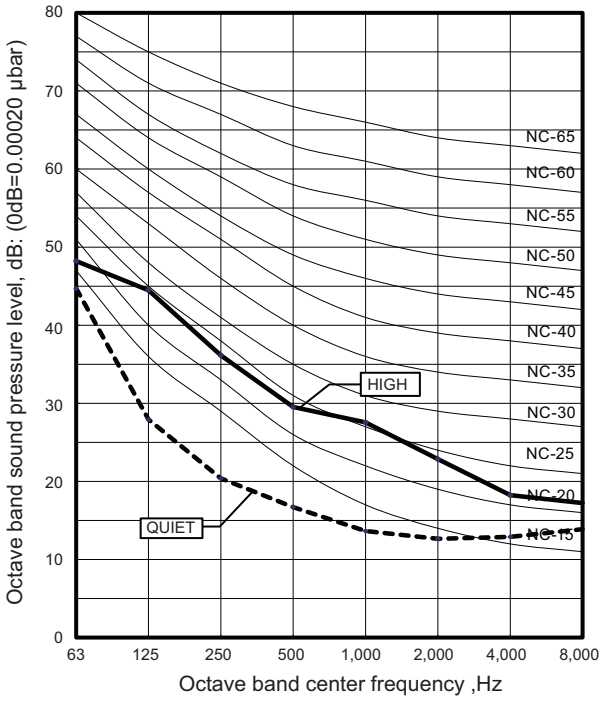


■ Model: ARYG12LSLAP

● Cooling

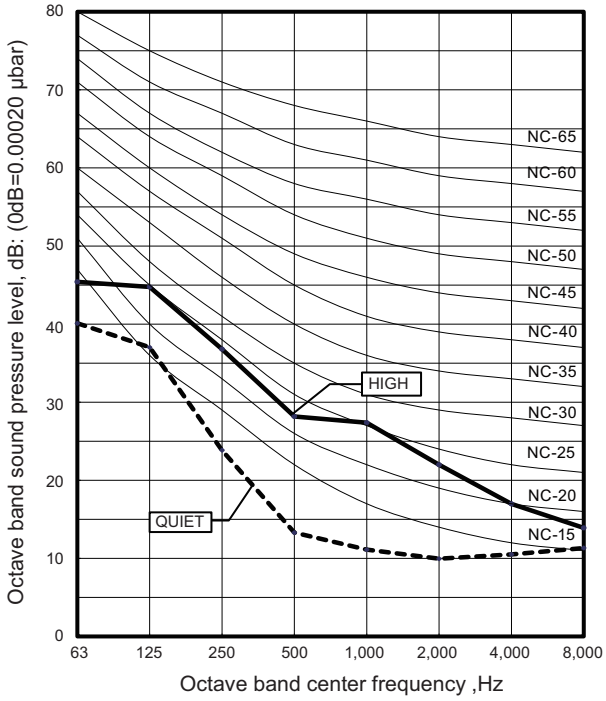


● Heating

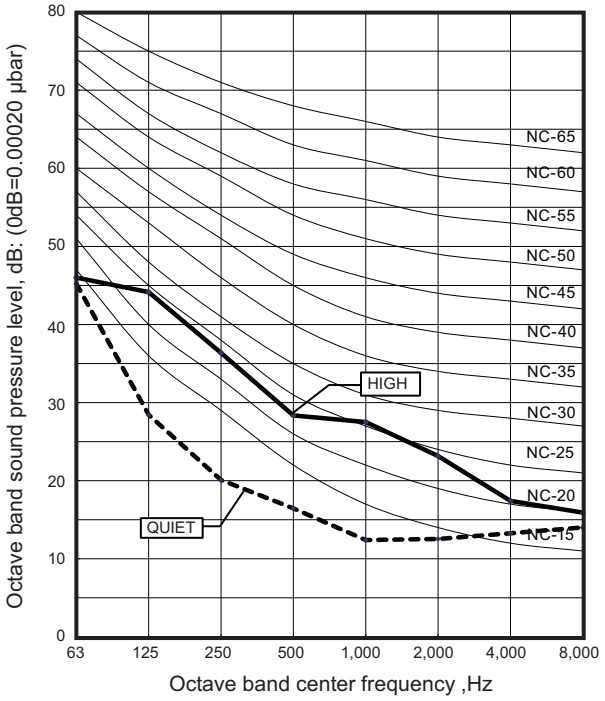


■ Model: ARYG14LSLAP

● Cooling

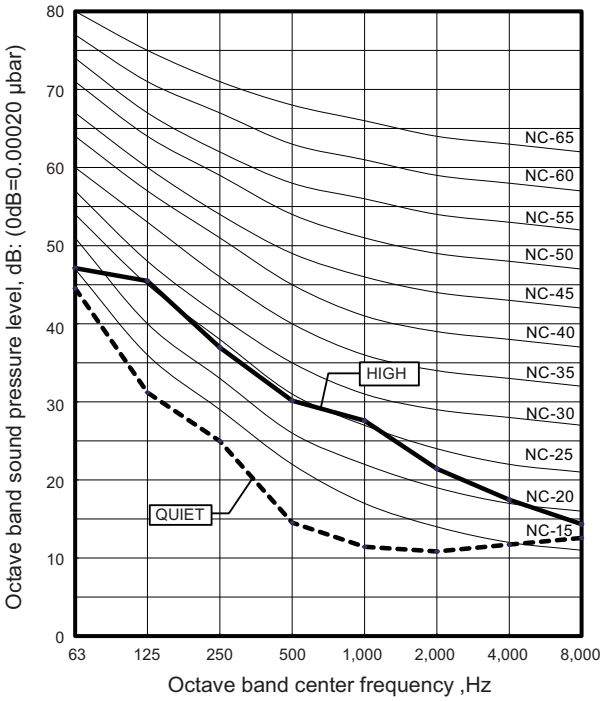


● Heating

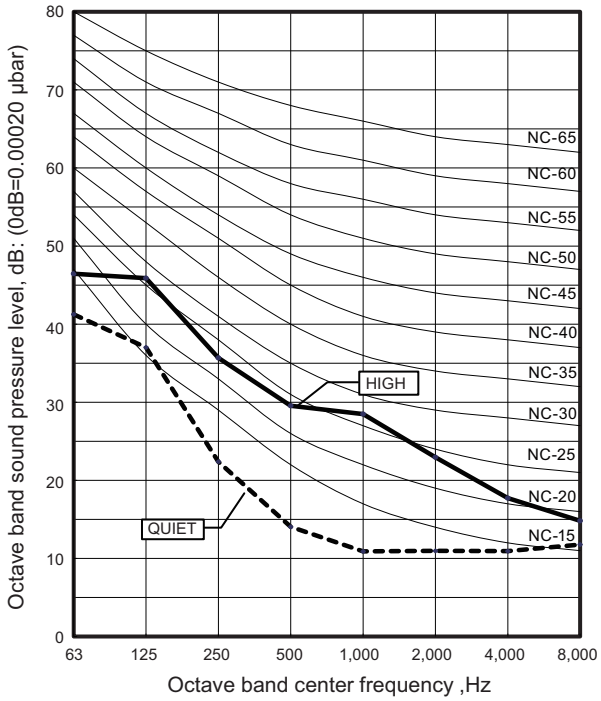


■ Model: ARYG18LSLAP

● Cooling



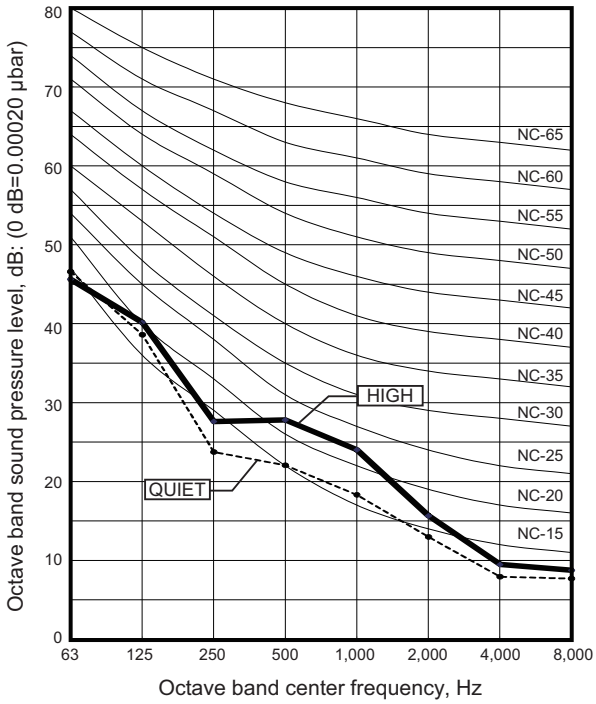
● Heating



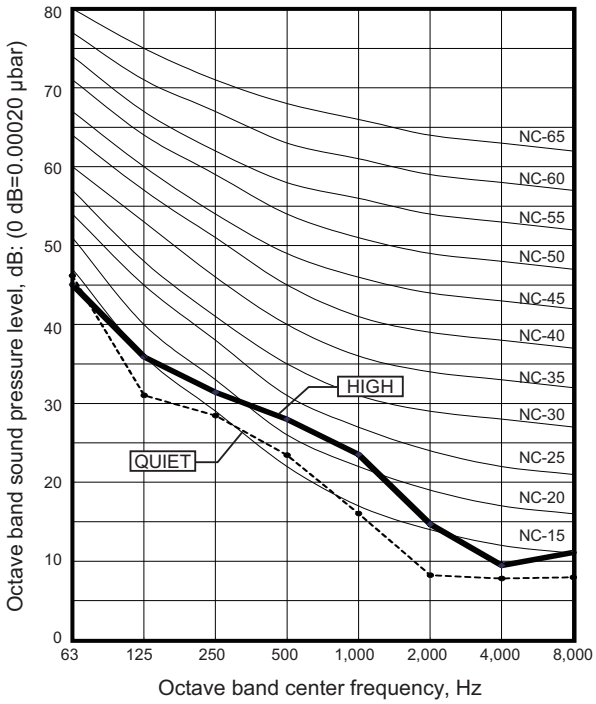
8-3. Slim duct type

■ Model: ARYG07LLTA

● Cooling

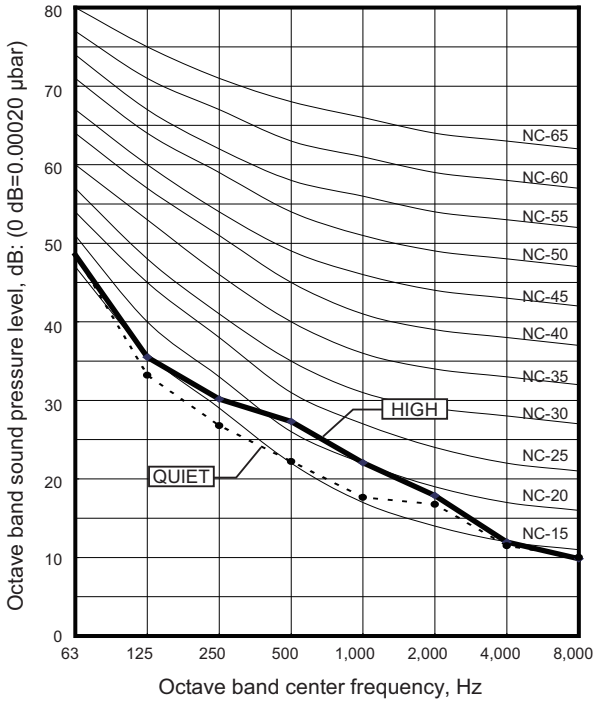


● Heating

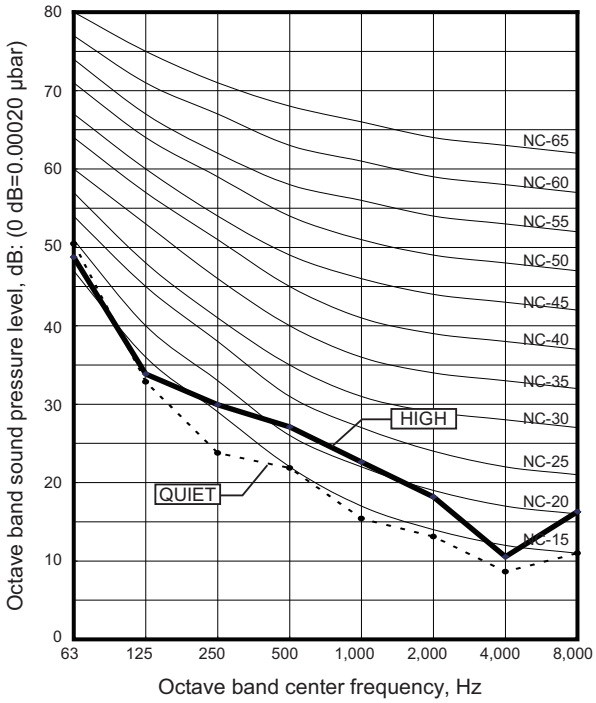


■ Model: ARYG09LLTA

● Cooling

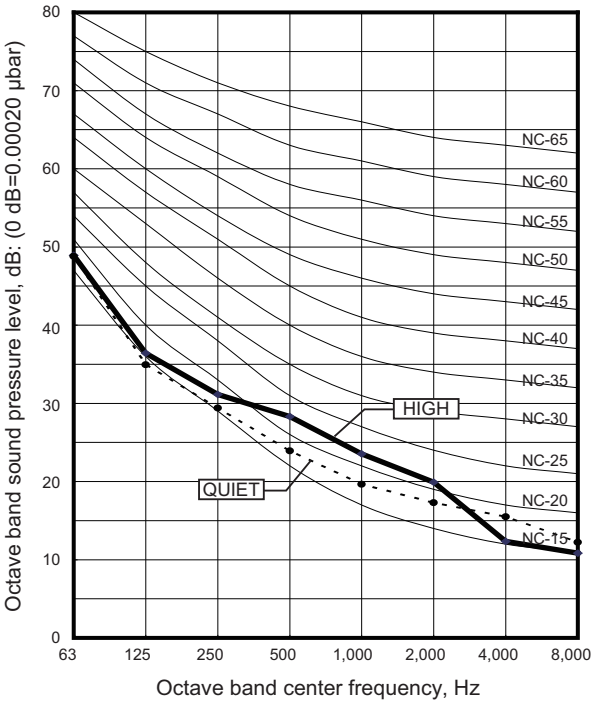


● Heating

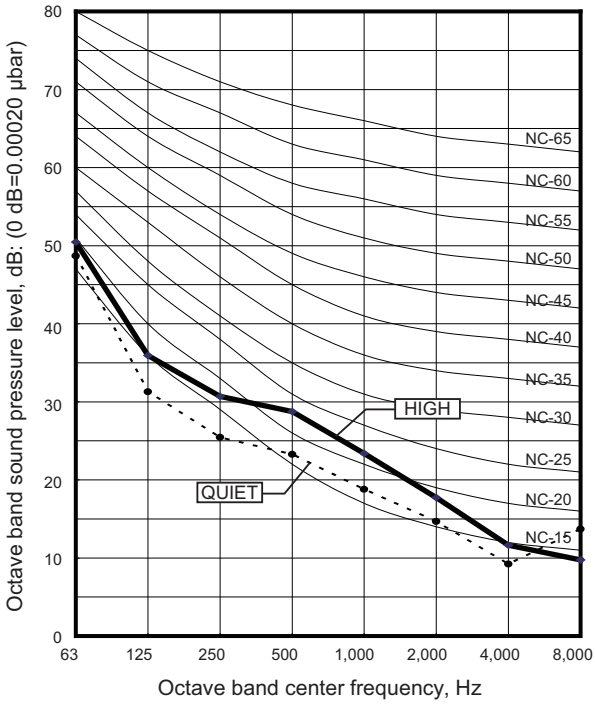


■ Models: ARYG12LLTA and ARYG12LLTB

● Cooling

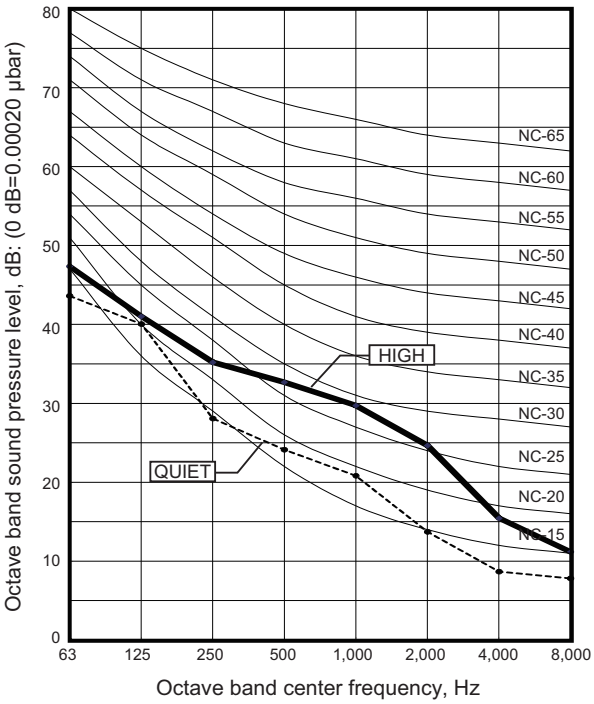


● Heating

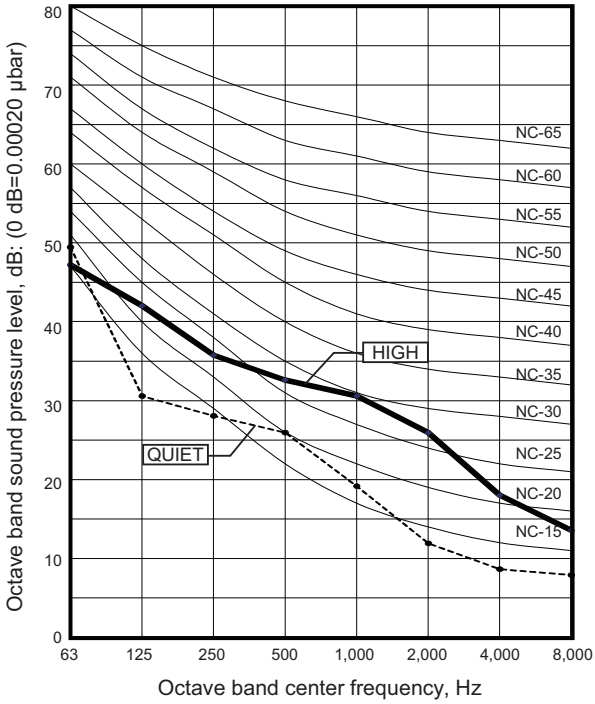


■ Models: ARYG14LLTA and ARYG14LLTB

● Cooling

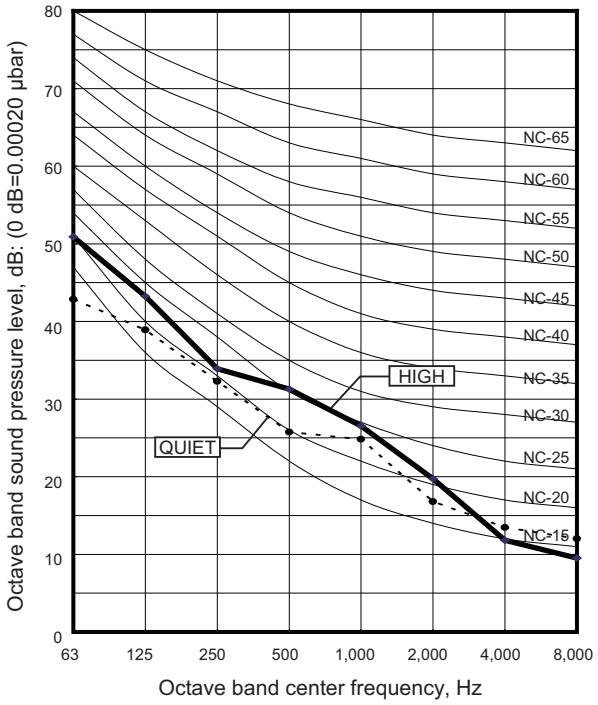


● Heating

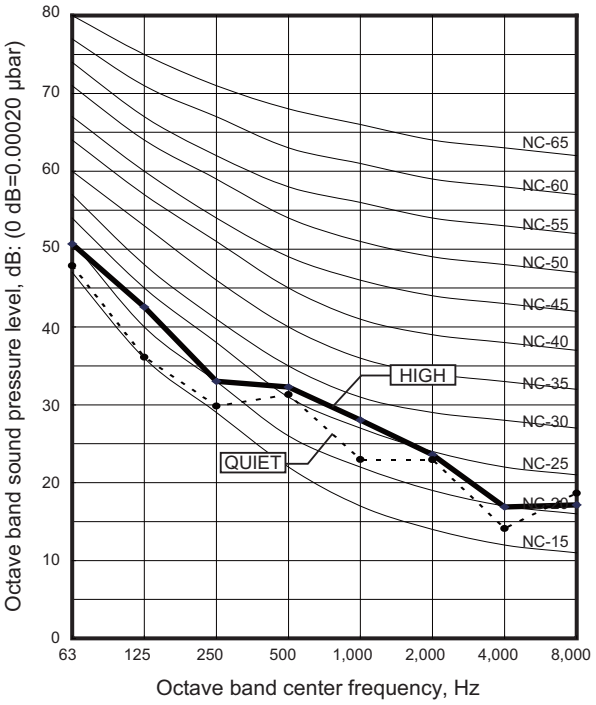


■ Models: ARYG18LLTA and ARYG18LLTB

● Cooling



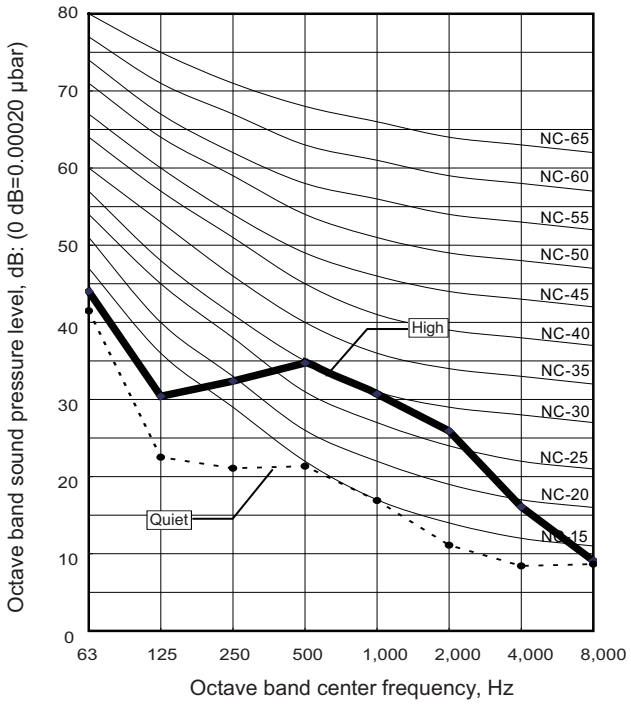
● Heating



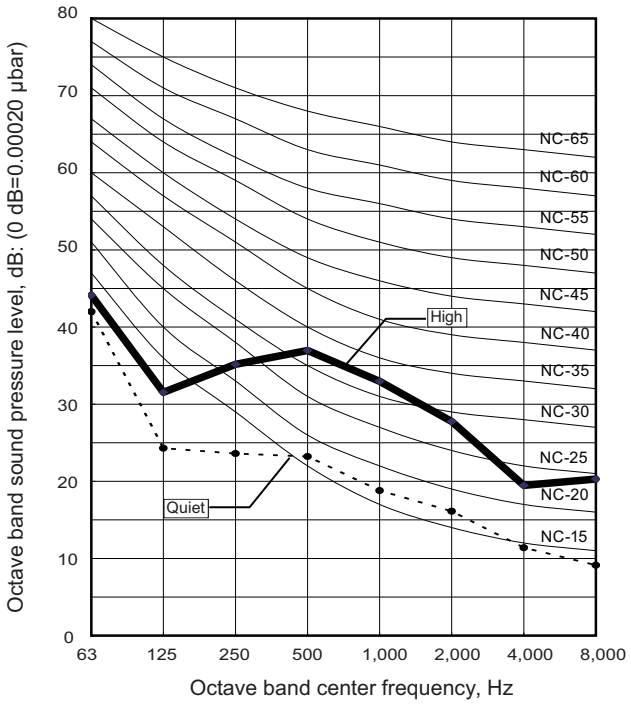
8-4. Wall mounted type

■ Model: ASYG07LJCA

● Cooling

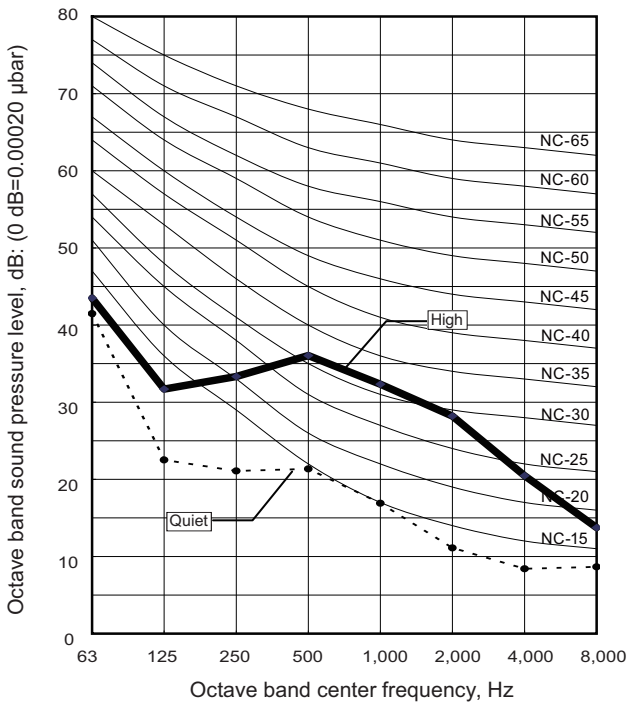


● Heating

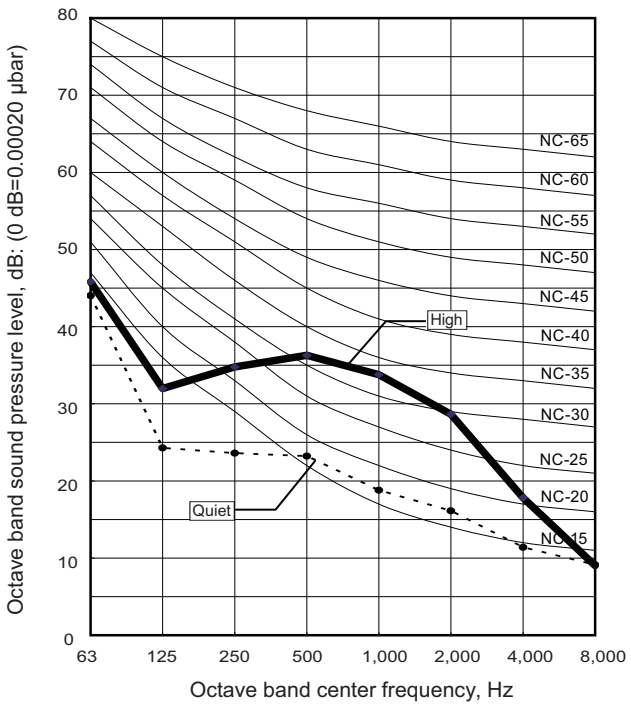


■ Model: ASYG09LJCA

● Cooling

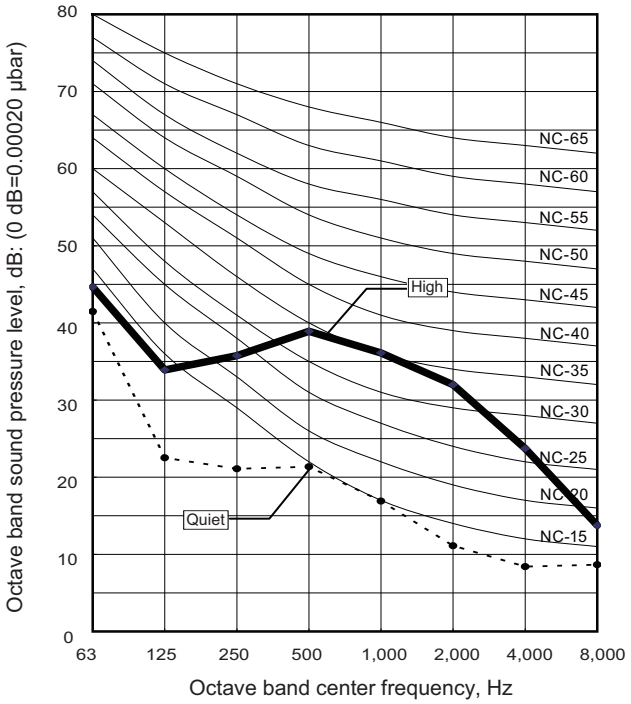


● Heating

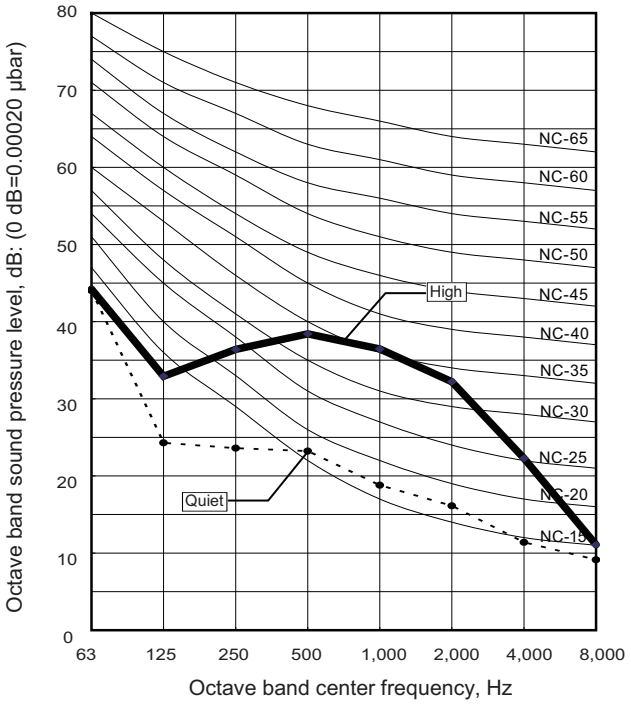


■ Model: ASYG12LJCA

● Cooling

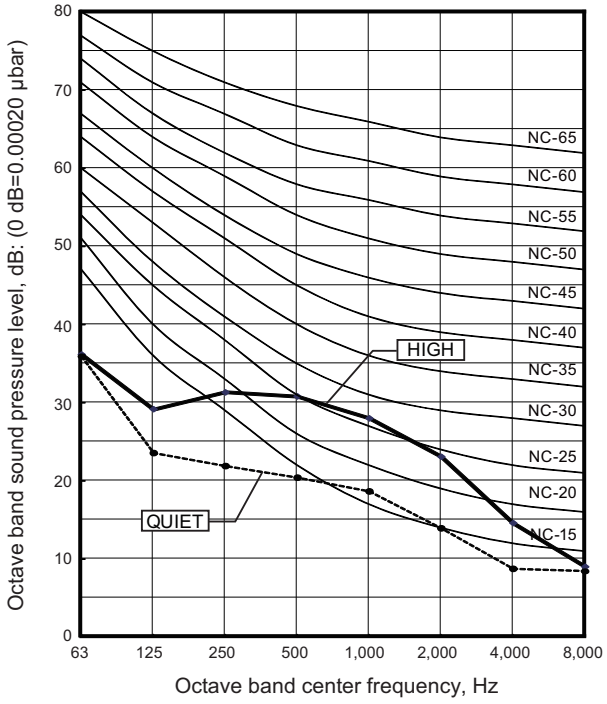


● Heating

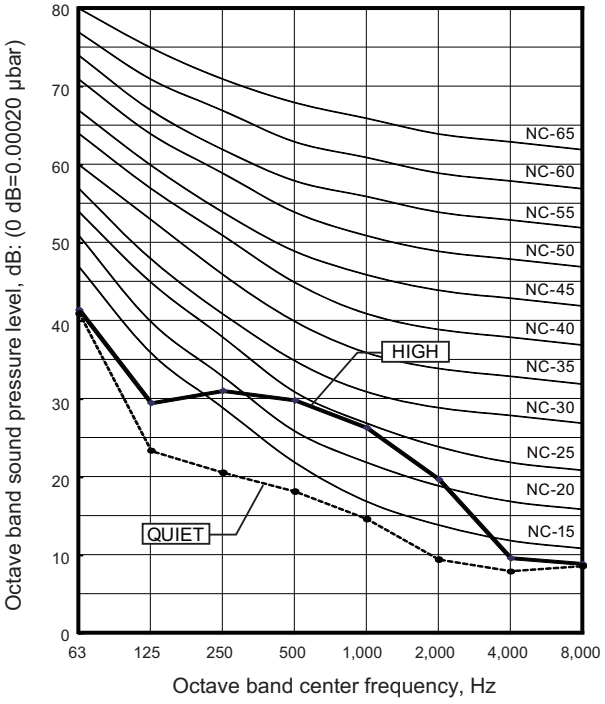


■ Model: ASYG07LUCA

● Cooling

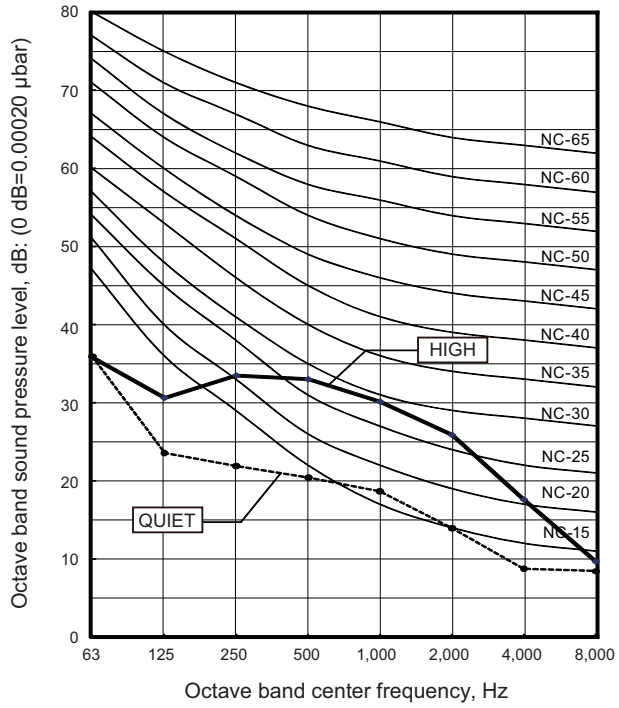


● Heating

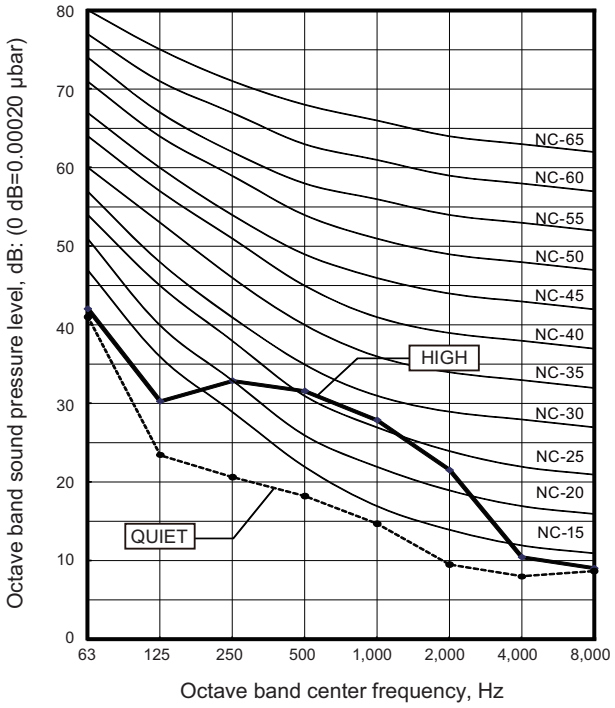


■ Model: ASYG09LUCA

● Cooling

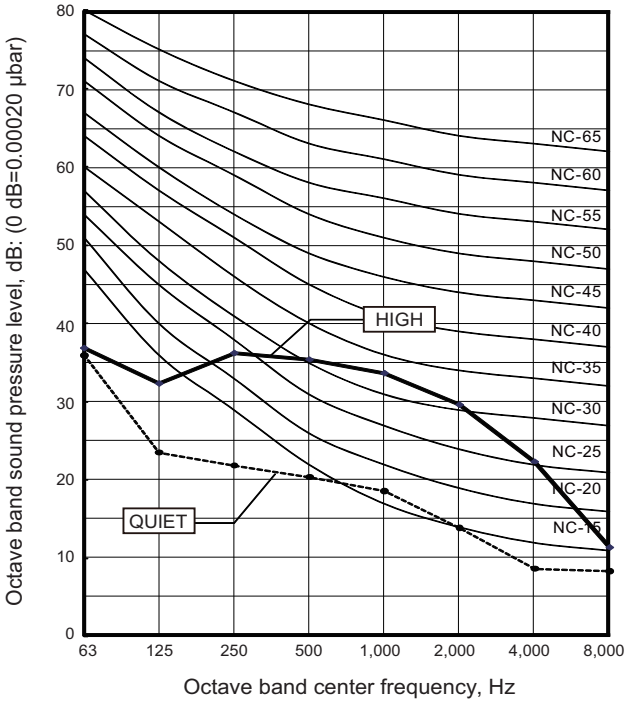


● Heating

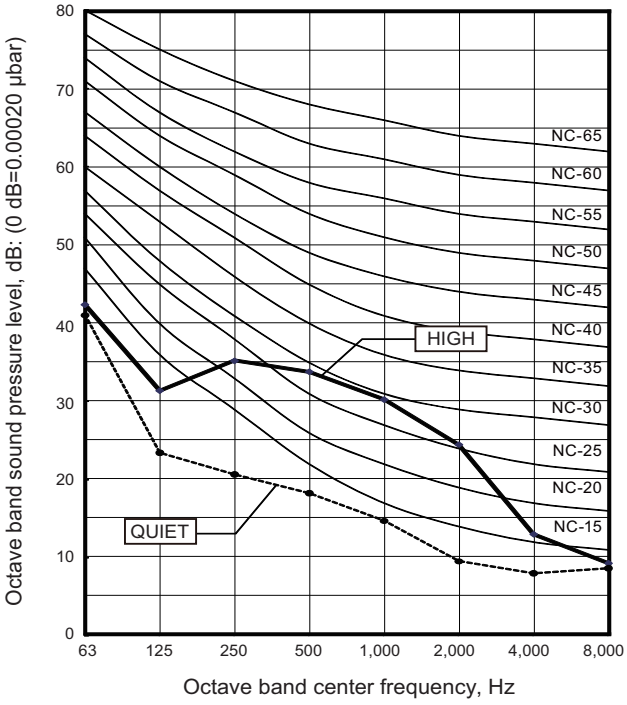


■ Model: ASYG12LUCA

● Cooling

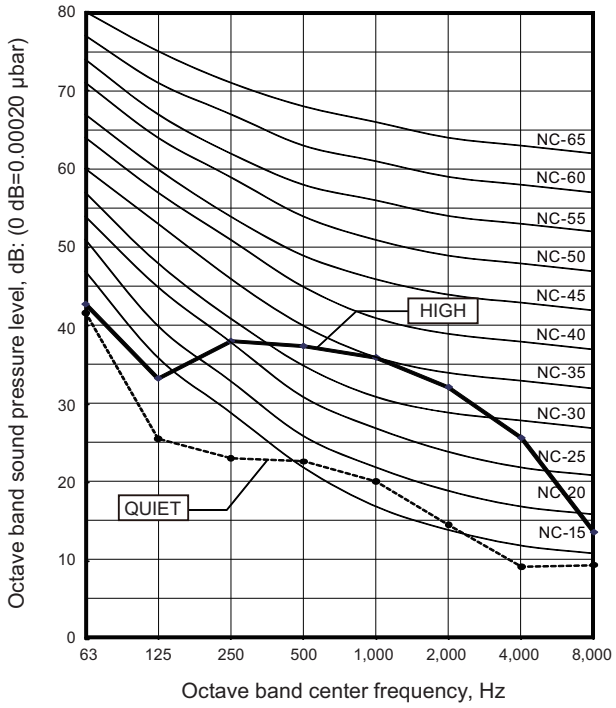


● Heating

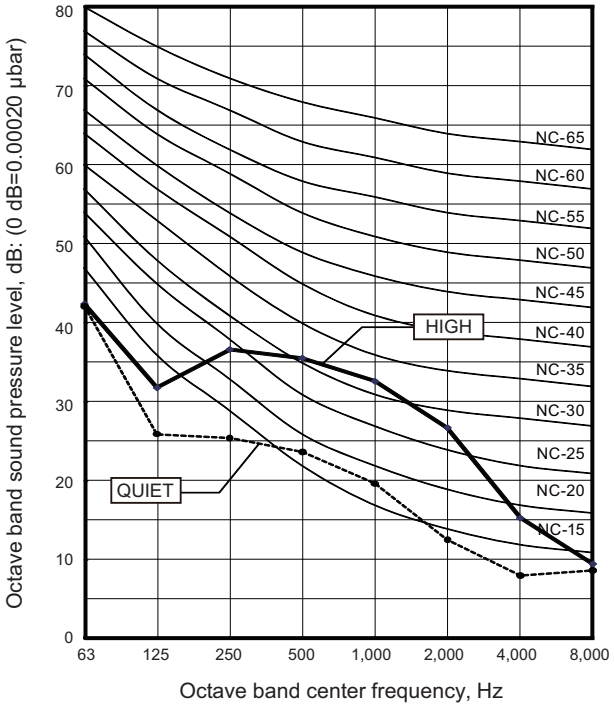


■ Model: ASYG14LUCA

● Cooling

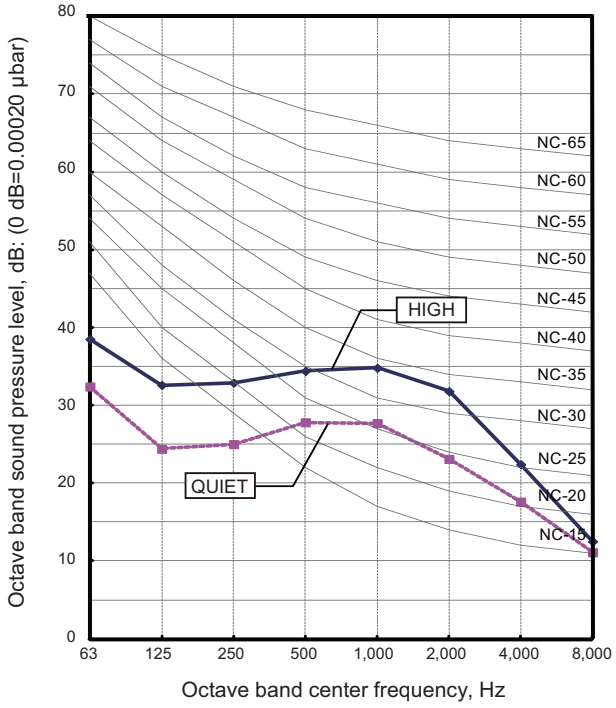


● Heating

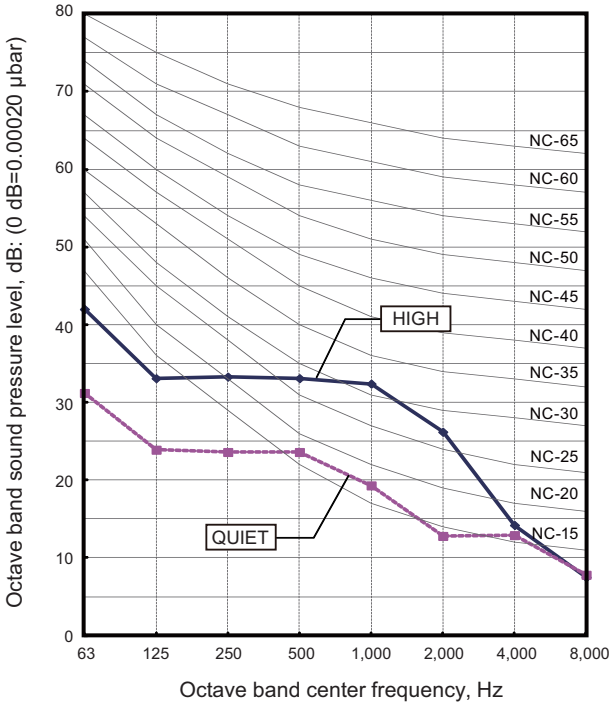


■ Models: ASYG07LMCA and ASYG07LMCE

● Cooling

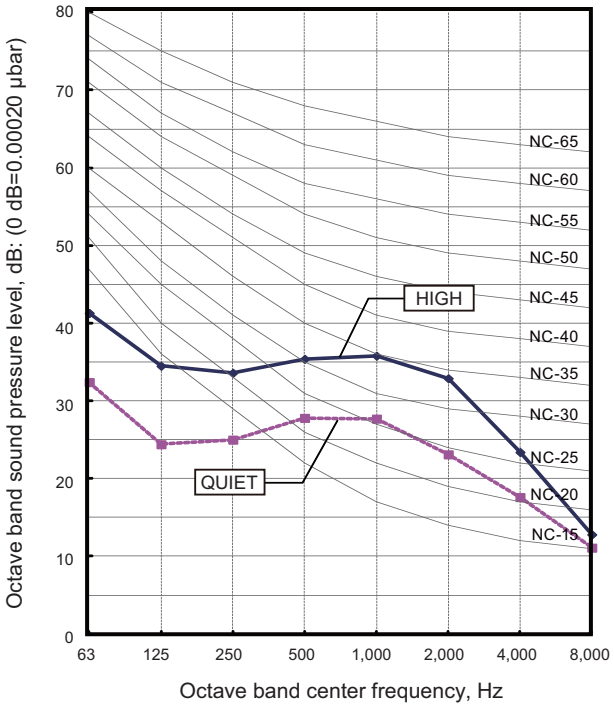


● Heating

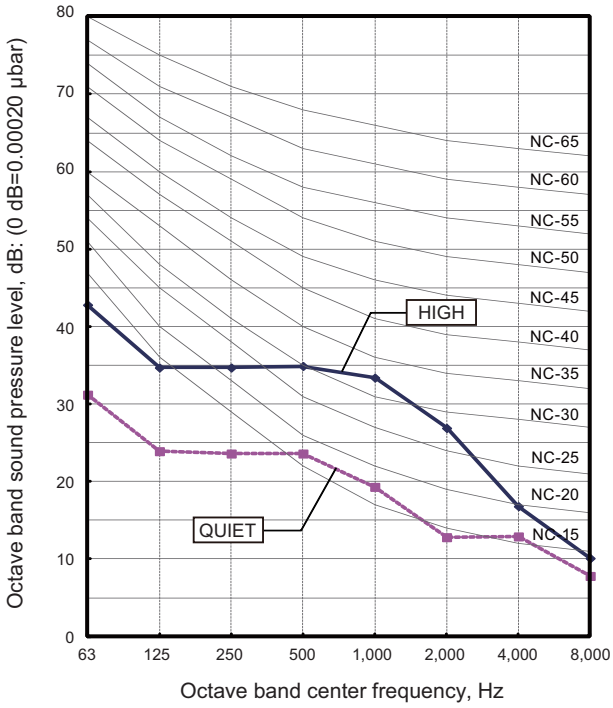


■ Models: ASYG09LMCA and ASYG09LMCE

● Cooling

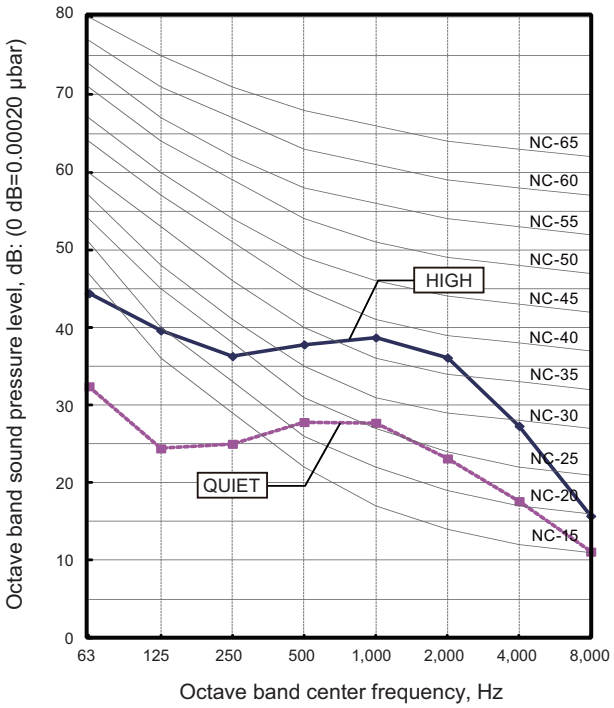


● Heating

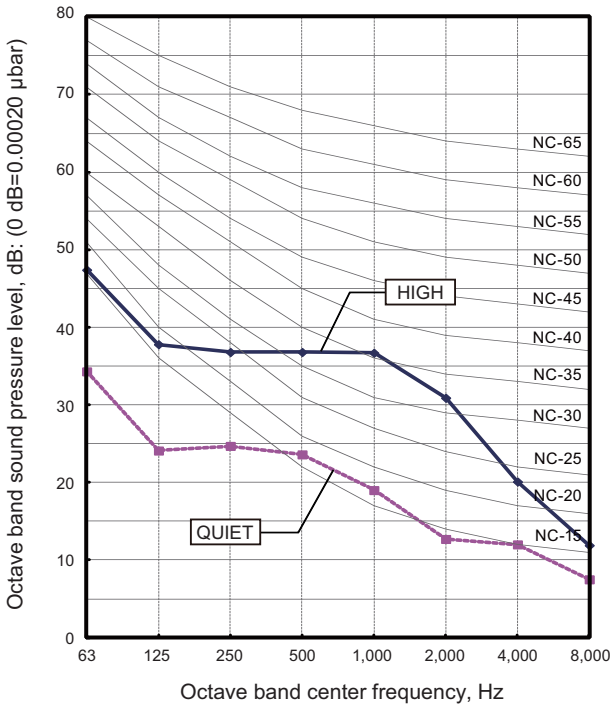


■ Models: ASYG12LMCA and ASYG12LMCE

● Cooling

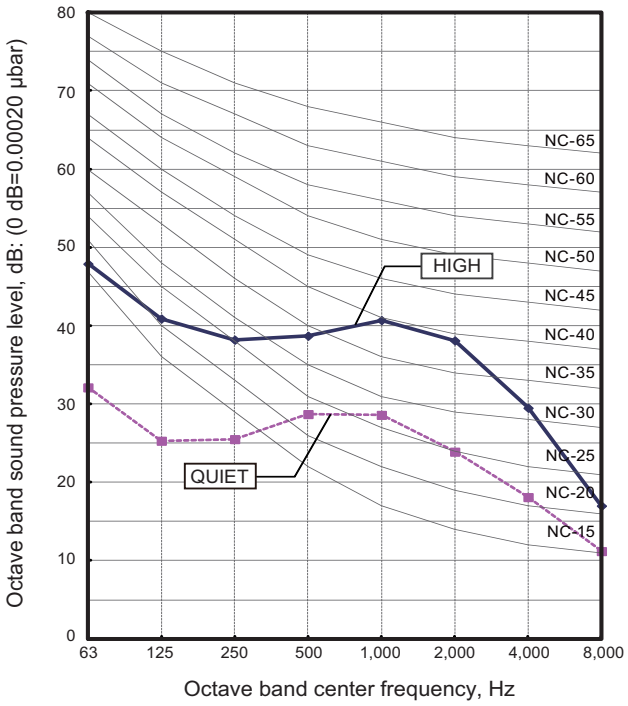


● Heating

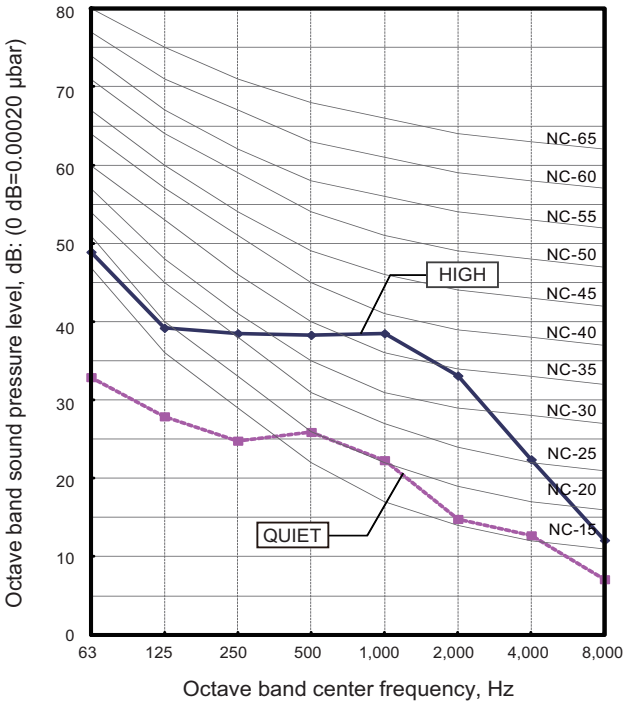


■ Models: ASYG14LMCA and ASYG14LMCE

● Cooling

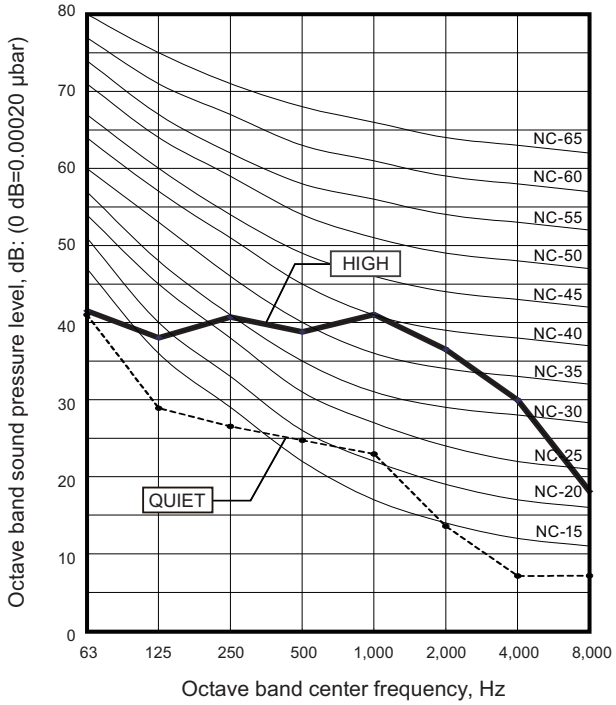


● Heating

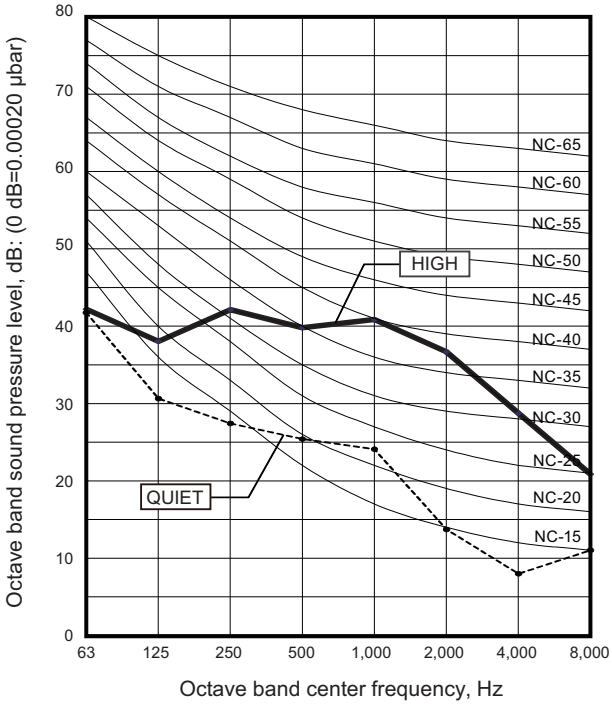


■ Model: ASYG18LFCA

● Cooling

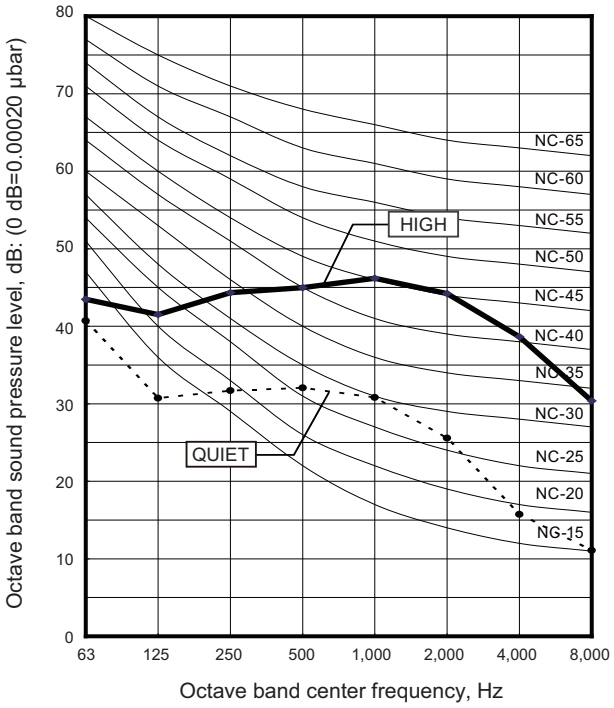


● Heating

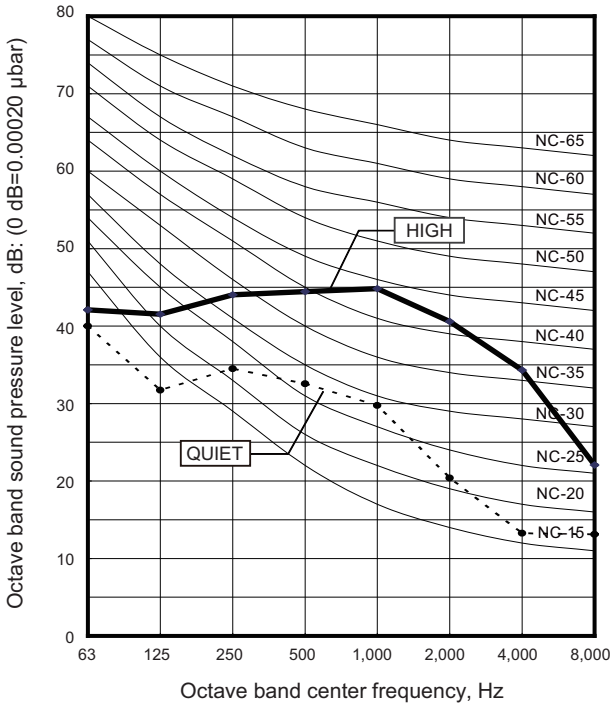


■ Models: ASYG24LFCA and ASYG24LFCC

● Cooling



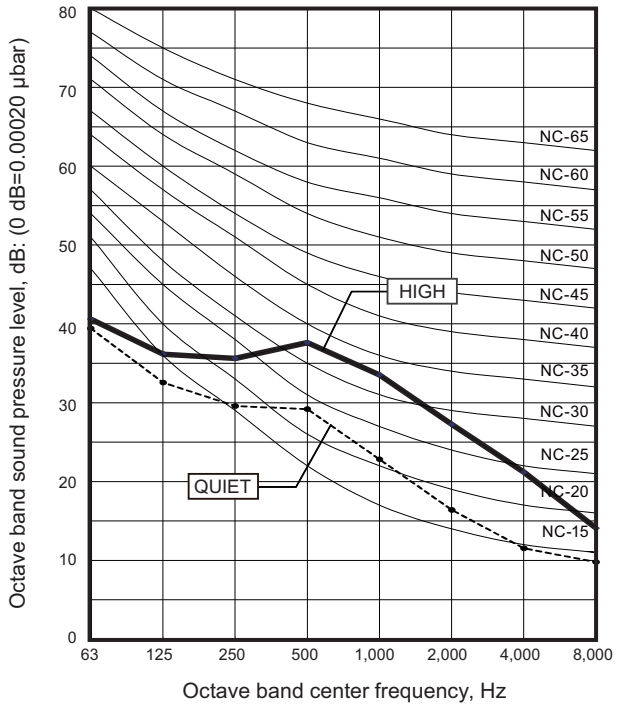
● Heating



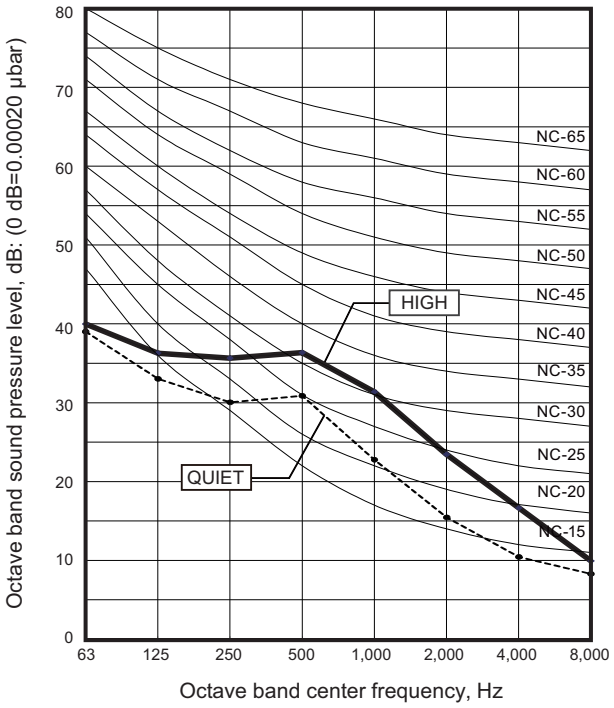
8-5. Floor/Ceiling type

■ Model: ABYG14LVTA (Under ceiling)

● Cooling

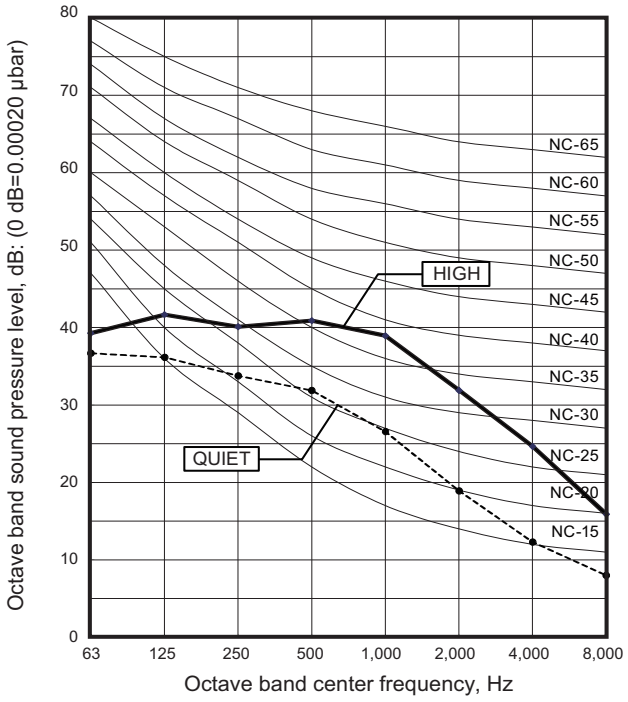


● Heating

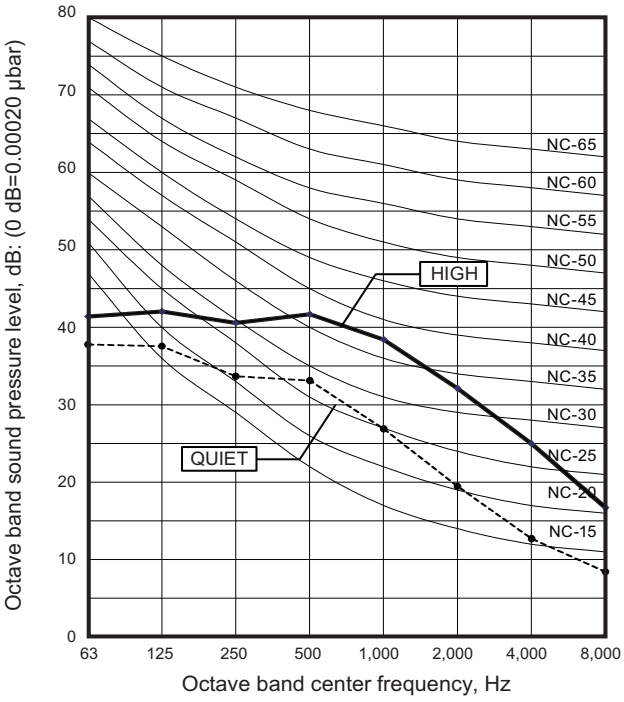


■ Models: ABYG18LVTA and ABYG18LVTB (Under ceiling)

● Cooling



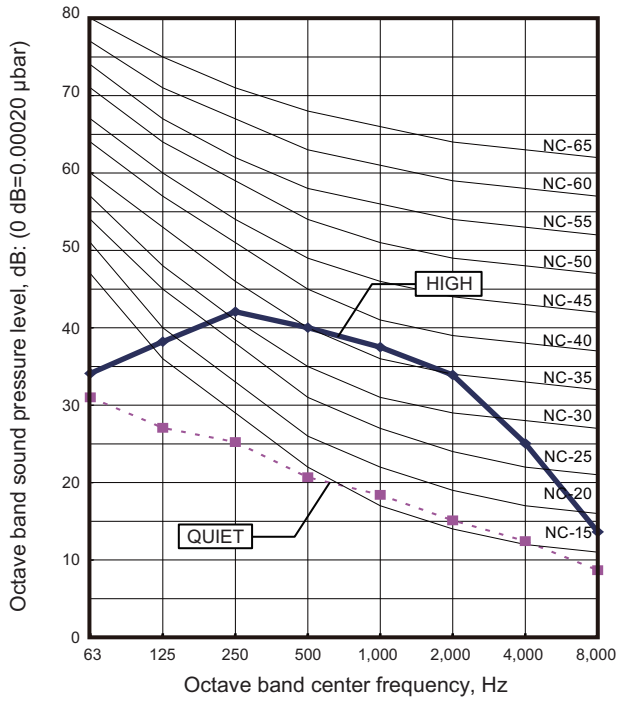
● Heating



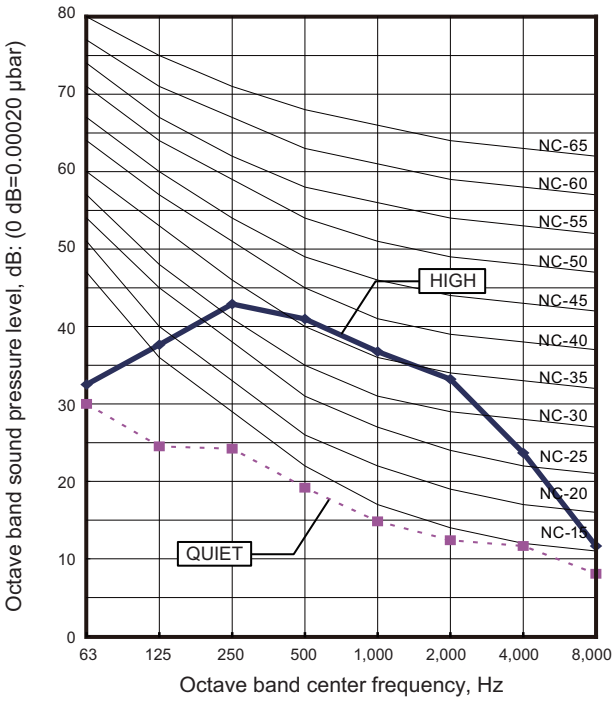
8-6. Floor type

■ Model: AGYG09LVCA

● Cooling

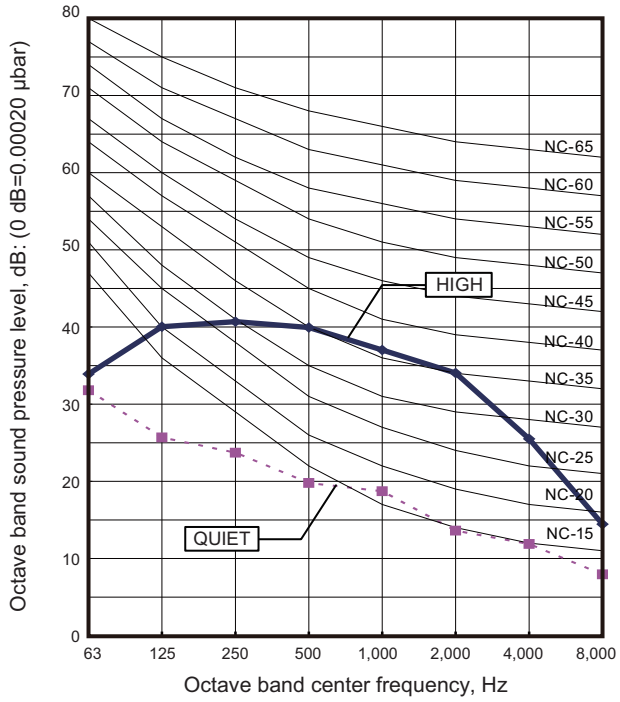


● Heating

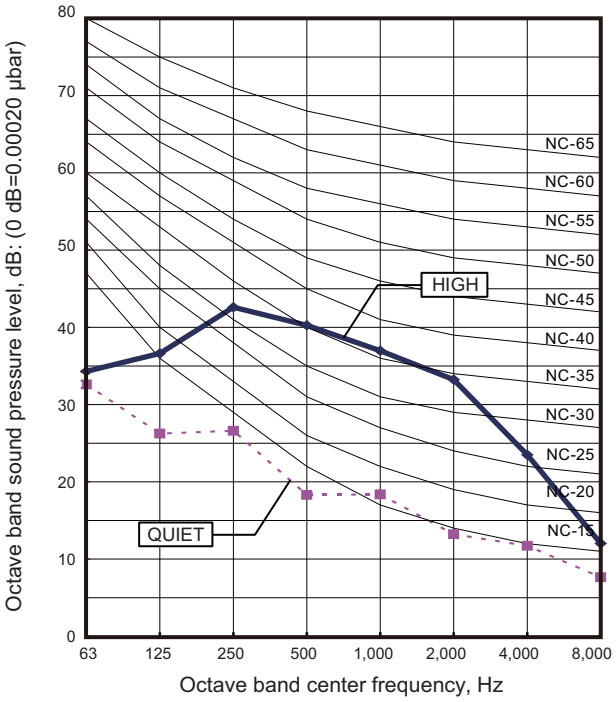


■ Model: AGYG12LVCA

● Cooling

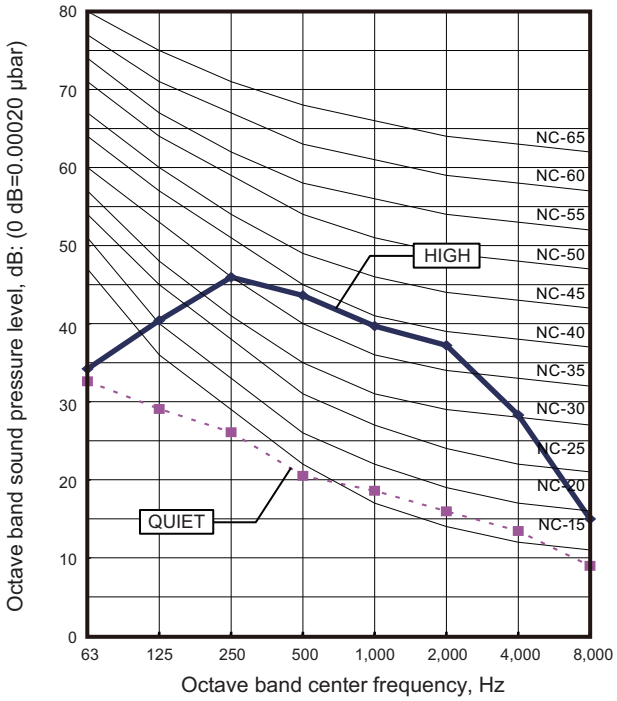


● Heating

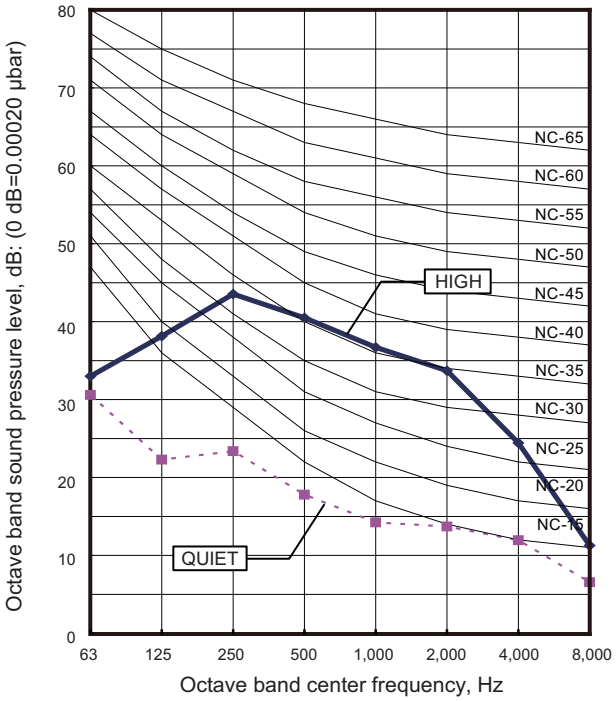


■ Model: AGYG14LVCA

● Cooling

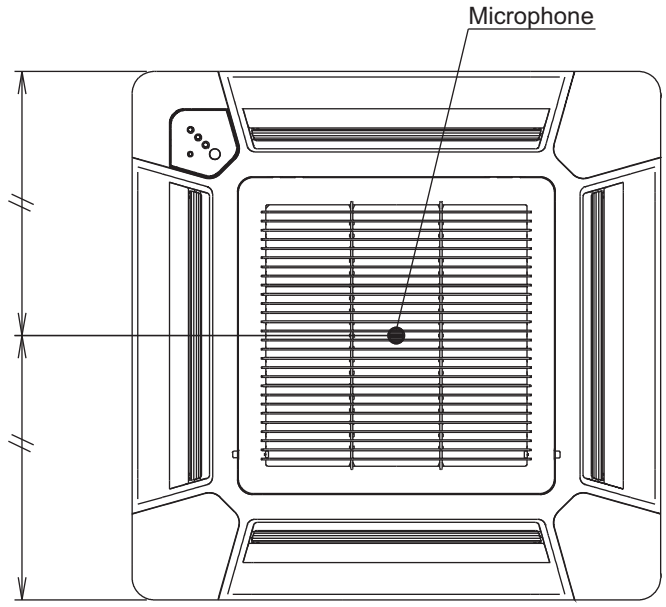


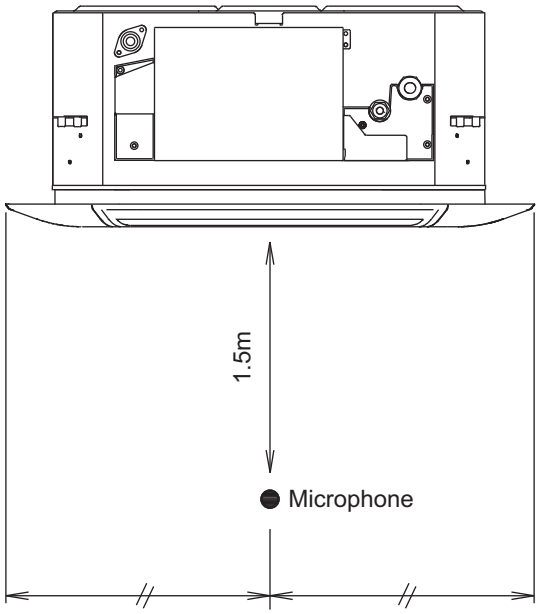
● Heating



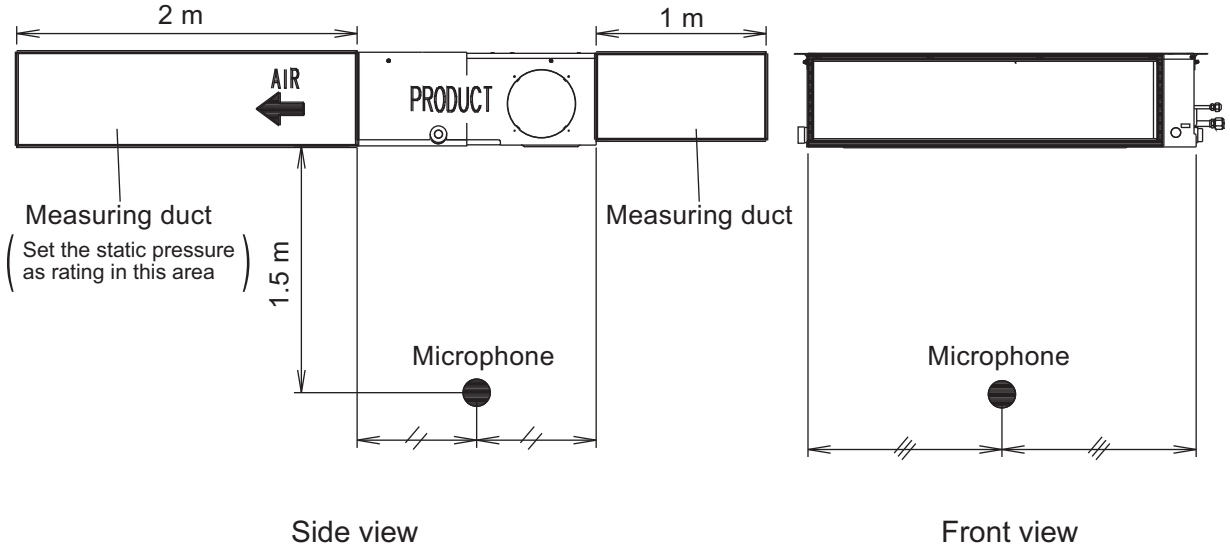
8-7. Sound level check point

■ Compact cassette type



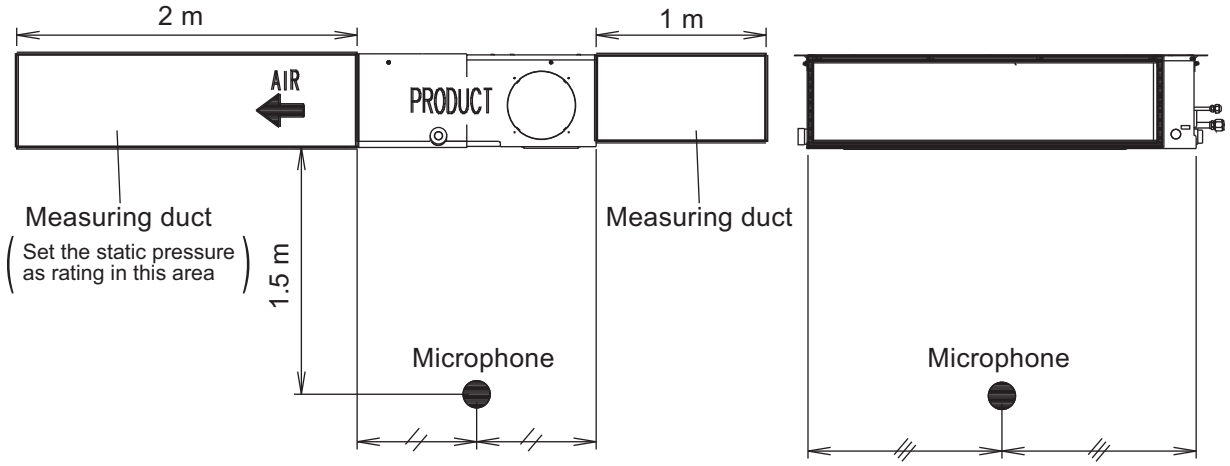


■ Mini duct type



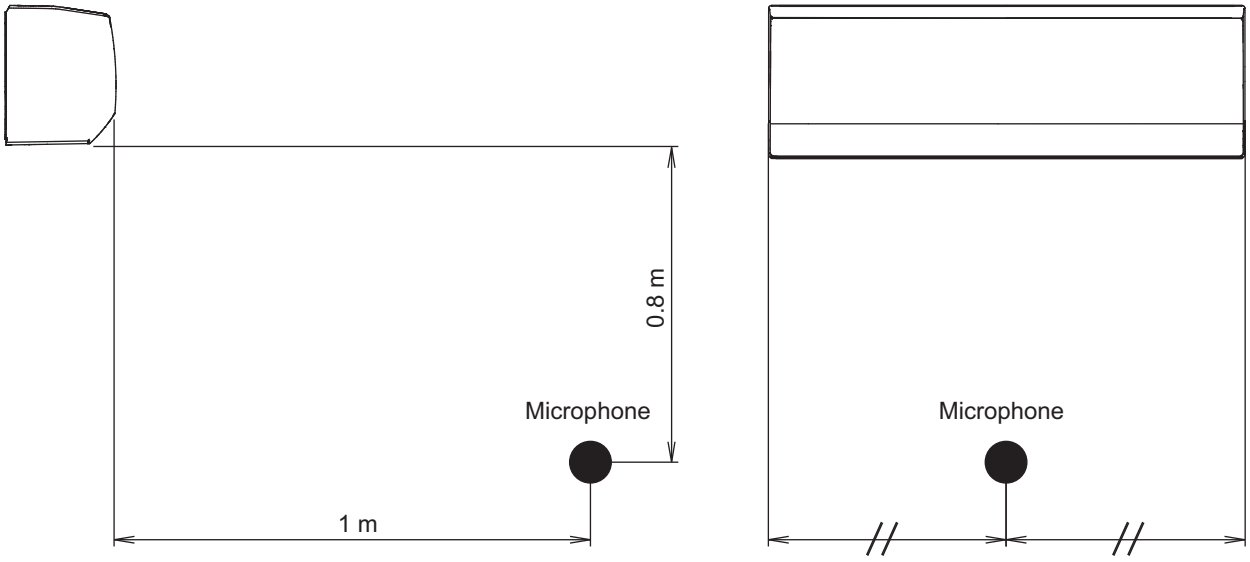
Side view Front view

■ Slim duct type



Side view Front view

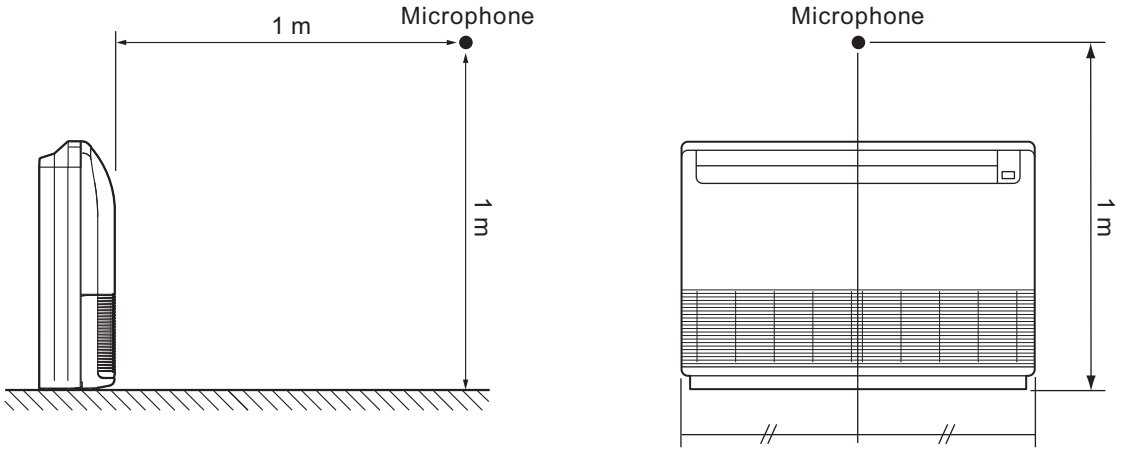
■ Wall mounted type



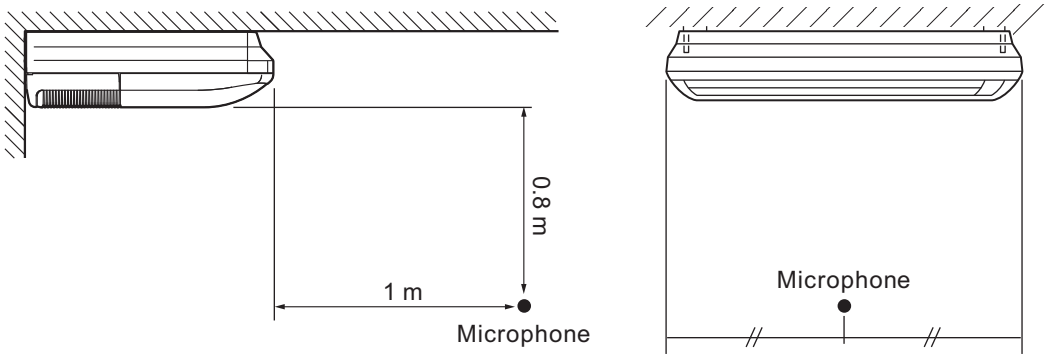
NOTE: Detailed shape of the actual indoor unit might be slightly different from the one illustrated above.

■ Floor/Ceiling type

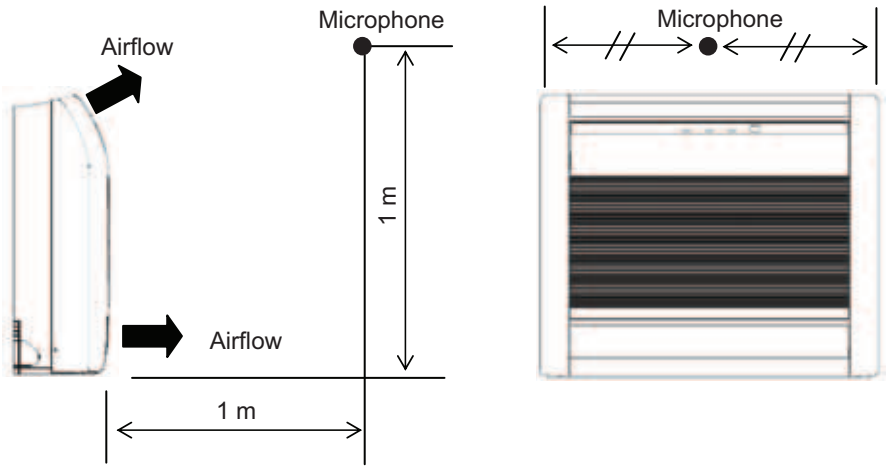
- **Floor console**



- **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 AUYG12LVLB			0.24	23	0.19
	AUYG14LVLA AUYG14LVLB			0.28	28	0.22
	AUYG18LVLA AUYG18LVLB			0.38	39	0.30
Mini duct	ARYG07LSLAP			0.33	33	0.29
	ARYG09LSLAP			0.38	40	0.33
	ARYG12LSLAP			0.42	47	0.38
	ARYG14LSLAP			0.67	72	0.58
	ARYG18LSLAP			0.61	63	0.49
Slim duct	ARYG07LLTA			0.41	33	0.33
	ARYG09LLTA			0.38	49	0.30
	ARYG12LLTA ARYG12LLTB			0.44	58	0.35
	ARYG14LLTA ARYG14LLTB			0.64	76	0.51
	ARYG18LLTA ARYG18LLTB			0.55	73	0.44
Wall mounted	ASYG07LJCA			0.17	15	0.13
	ASYG09LJCA			0.19	17	0.15
	ASYG12LJCA			0.24	22	0.19
	ASYG07LUCA			0.16	13	0.13
	ASYG09LUCA			0.18	16	0.14
	ASYG12LUCA			0.21	19	0.17
	ASYG14LUCA			0.25	23	0.20
	ASYG07LMCA ASYG07LMCE			0.16	15	0.13
	ASYG09LMCA ASYG09LMCE			0.19	17	0.15
	ASYG12LMCA ASYG12LMCE			0.24	22	0.19
	ASYG14LMCA ASYG14LMCE			0.31	28	0.25
	ASYG18LFCA			0.41	37	0.33
	ASYG24LFCA ASYG24LFCC			0.66	69	0.53
Floor/Ceiling	ABYG14LVTA			0.26	26	0.21
	ABYG18LVTA 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 ± 10 °C	—	○
	AUYG09LVLA				
	AUYG12LVLA				
	AUYG12LVLB				
	AUYG14LVLA				
	AUYG14LVLB				
	AUYG18LVLA				
	AUYG18LVLB				
Mini duct	ARYG07LSLAP	250V, 5A	135 ± 15 °C	—	○
	ARYG09LSLAP				
	ARYG12LSLAP				
	ARYG14LSLAP				
	ARYG18LSLAP				
Slim duct	ARYG07LLTA	250V, 5A	135 ± 15 °C	—	○
	ARYG09LLTA				
	ARYG12LLTA				
	ARYG12LLTB				
	ARYG14LLTA				
	ARYG14LLTB				
	ARYG18LLTA				
	ARYG18LLTB				
Wall mounted	ASYG07LJCA	250V, 3.15A	150 ± 15 °C	102 °C Off	—
	ASYG09LJCA				
	ASYG12LJCA				
	ASYG07LUCA		150 ± 15 °C	102 °C Off	—
	ASYG09LUCA				
	ASYG12LUCA				
	ASYG14LUCA				
	ASYG07LMCA		140—195 °C	—	—
	ASYG07LMCE				
	ASYG09LMCA				
	ASYG09LMCE				
	ASYG12LMCA				
	ASYG12LMCE				
	ASYG14LMCA				
	ASYG14LMCE				
	ASYG18LFCA		120 ± 15 °C	102 °C Off	—
	ASYG24LFCA				
	ASYG24LFCC				
Floor/Ceiling	ABYG14LVTA		135 ± 15 °C	—	—
	ABYG18LVTA				
	ABYG18LVTB				
Floor	AGYG09LVCA		150 ± 15 °C	102 °C Off	—
	AGYG12LVCA				
	AGYG14LVCA				

*: Printed Circuit Board