

5. Fan performance

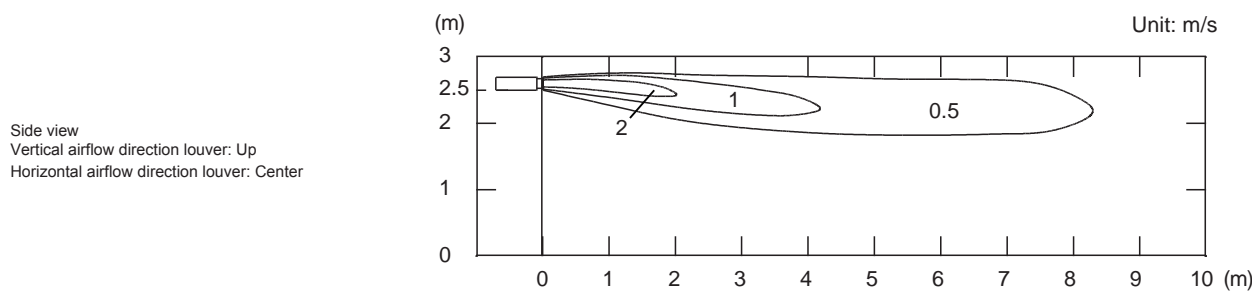
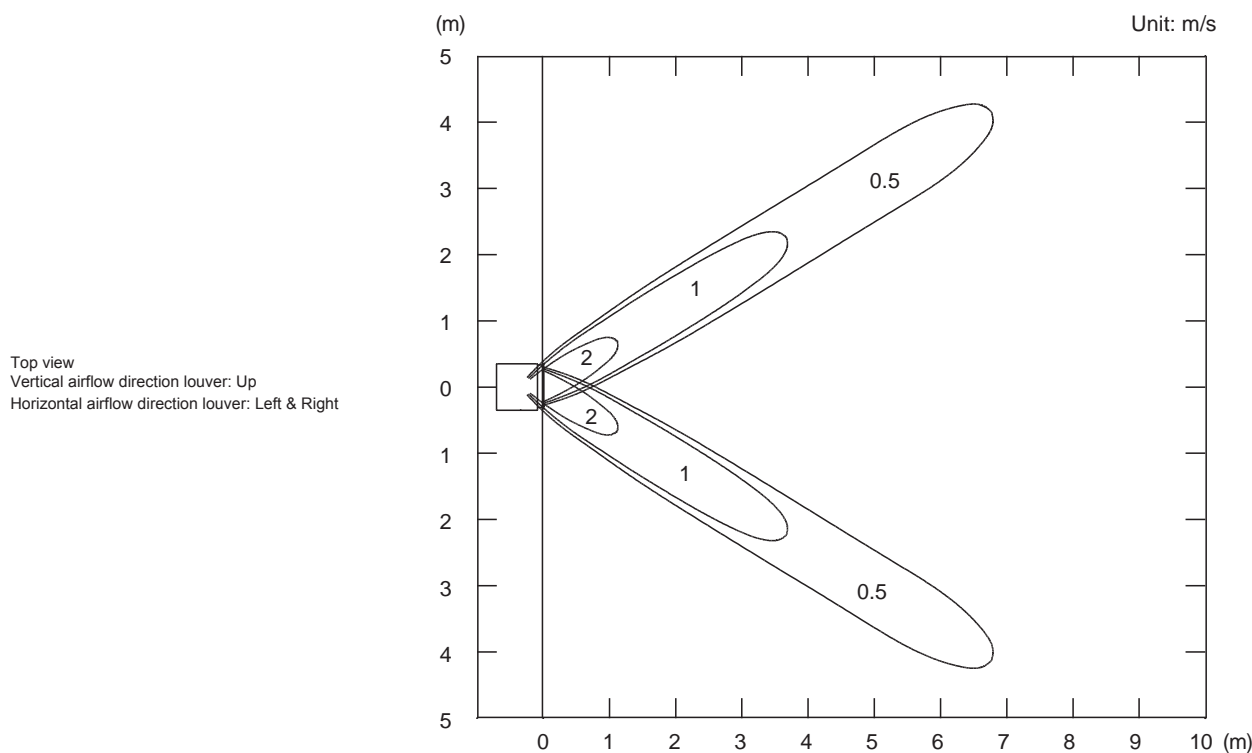
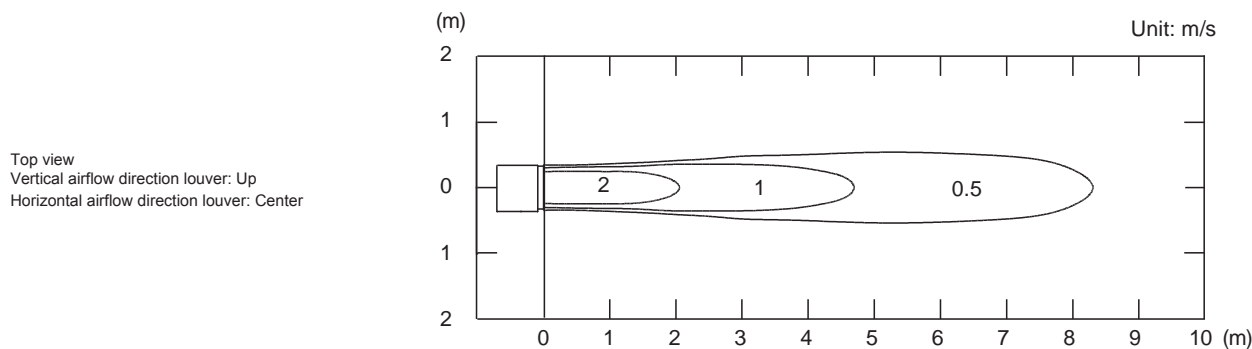
5-1. Air velocity and temperature distributions

■ Model: ARXG09KLLAP

NOTE: This data is measured installing the Auto louver grille kit (option).

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

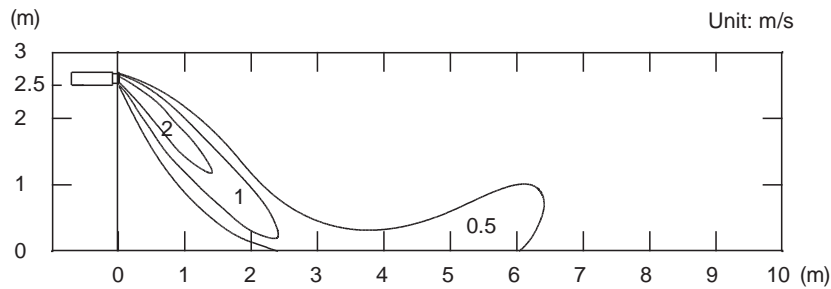
- Air velocity distribution



Measuring conditions	Fan speed	Operation mode
	HIGH	HEAT

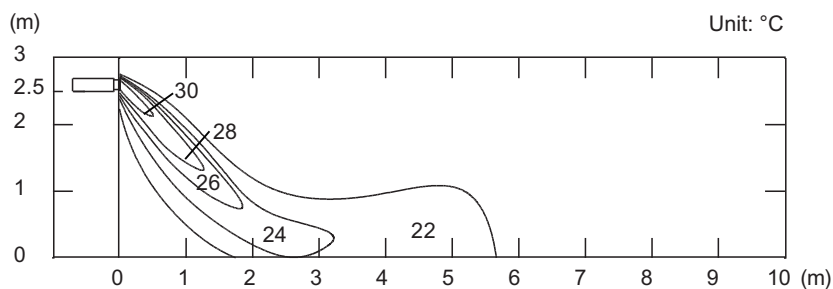
• Air velocity distribution

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



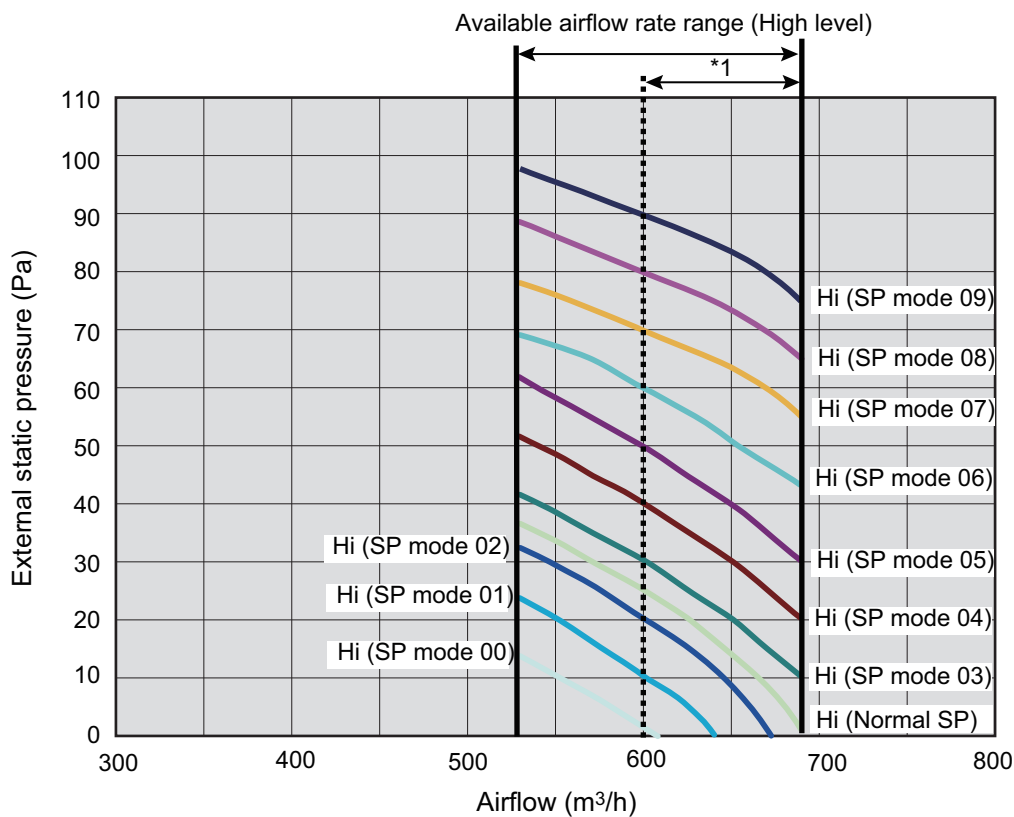
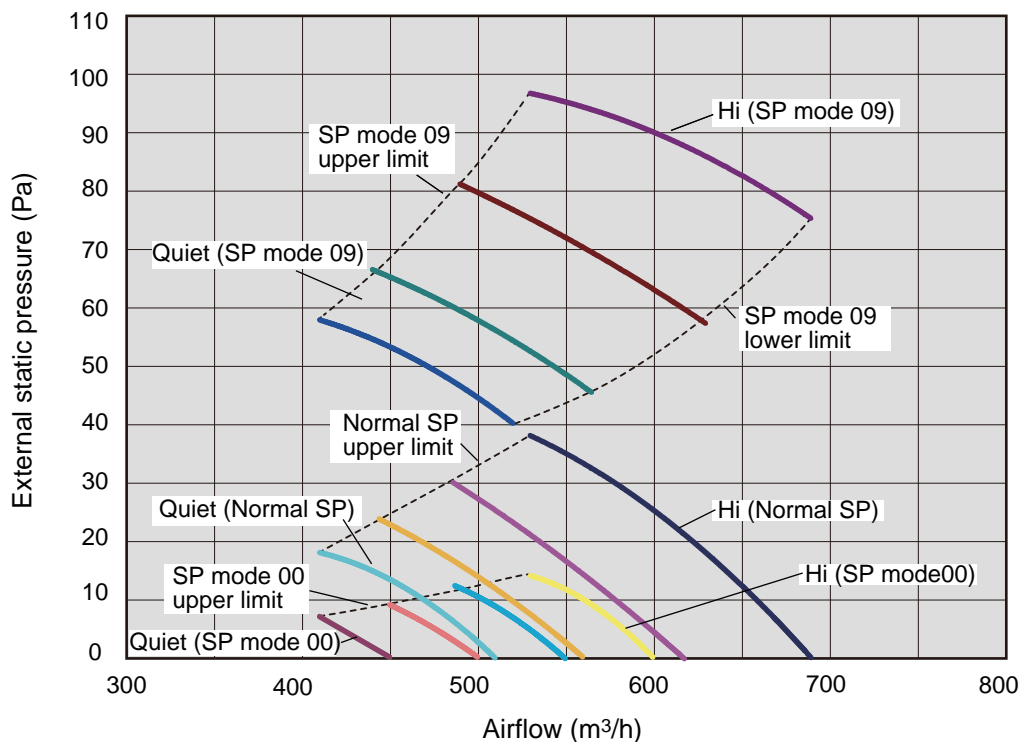
• Air temperature distribution

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



5-2. Fan performance curve

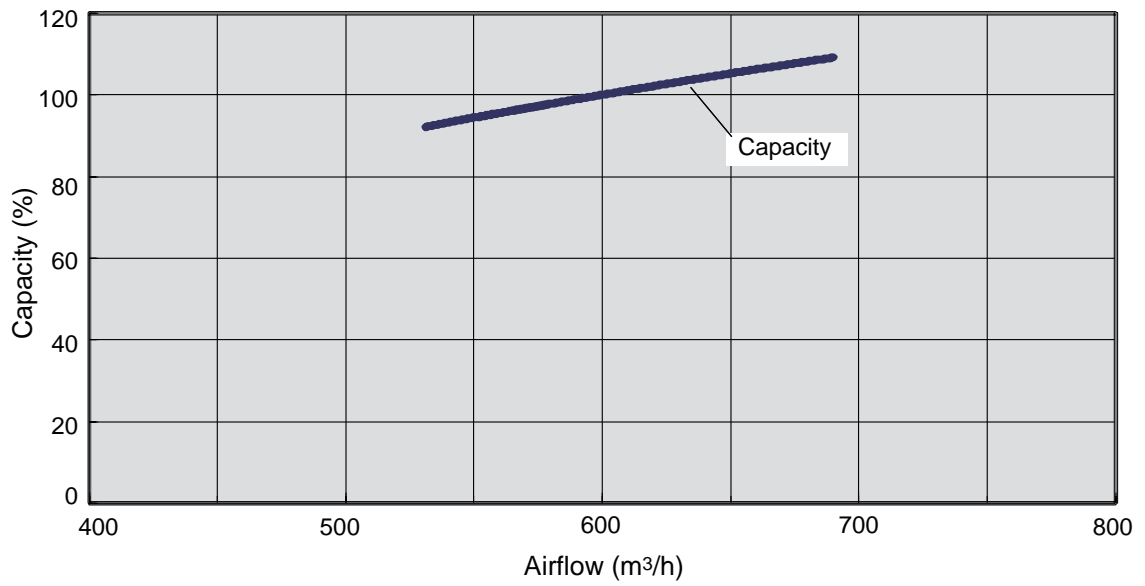
Model: ARXG09KLLAP



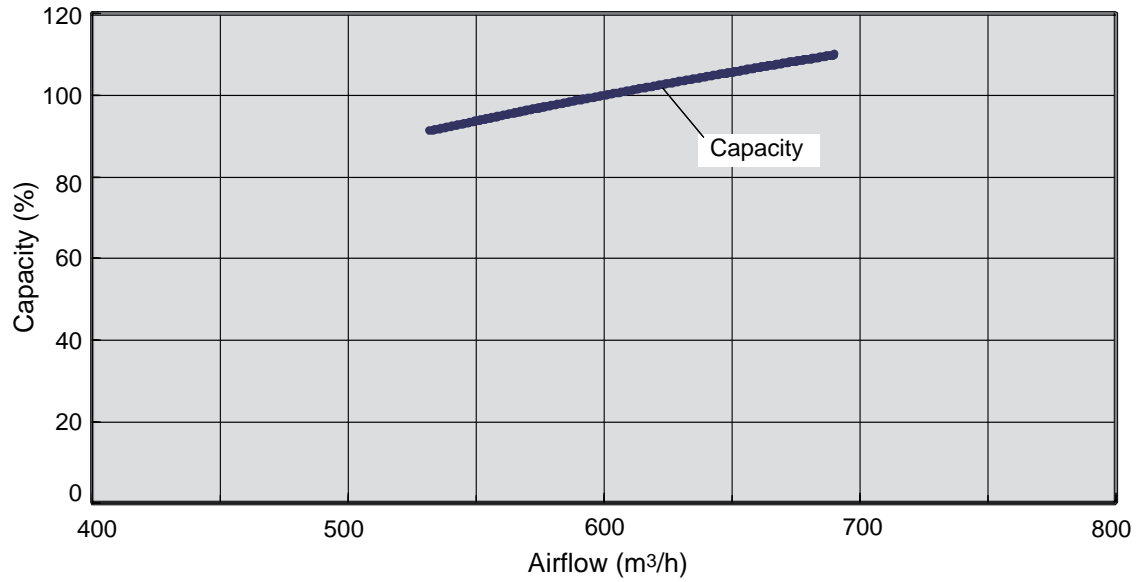
*1: Available airflow rate range when Auto louver grille (option) is installed.
 Fan speed: HIGH
 Vertical airflow direction louver: Up

● Characteristics of air volume and capacity

• Cooling



• Heating



5-3. Airflow

Conversion factor:

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

■ Model: ARXG09KLLAP

● Cooling

Fan speed	Airflow	
HIGH	m^3/h	600
	l/s	167
	CFM	353
MED	m^3/h	550
	l/s	153
	CFM	324
LOW	m^3/h	500
	l/s	139
	CFM	294
QUIET	m^3/h	450
	l/s	125
	CFM	265

● Heating

Fan speed	Airflow	
HIGH	m^3/h	600
	l/s	167
	CFM	353
MED	m^3/h	550
	l/s	153
	CFM	324
LOW	m^3/h	500
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	l/s	125
	CFM	265