

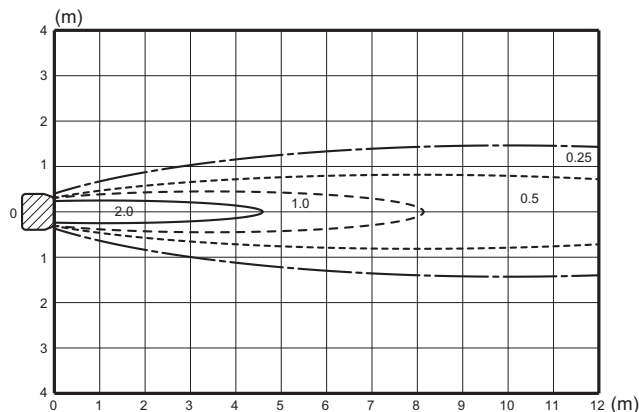
# 5. Fan performance

## 5-1. Air velocity and temperature distributions

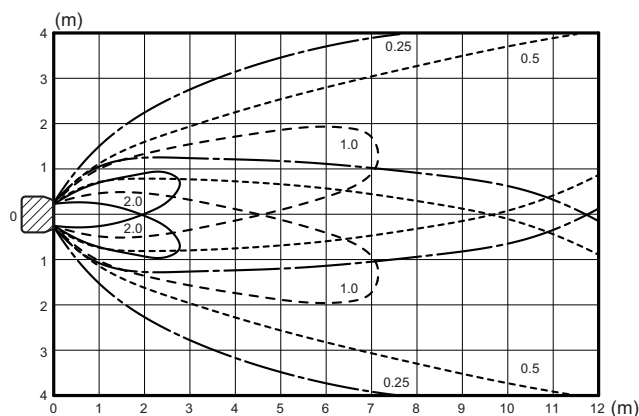
### ■ Model: ABYG18KRTA

Measuring conditions	Fan speed	Operation mode
	HIGH	FAN

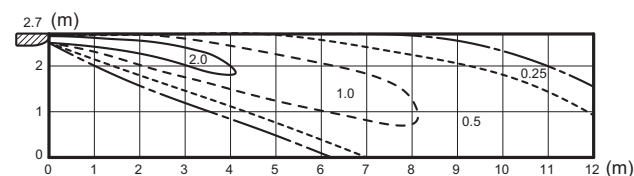
Top view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Center



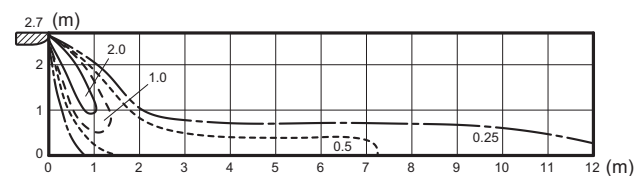
Top view  
Vertical airflow direction louver: Up  
Horizontal airflow direction louver: Left & Right



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



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



## 5-2. 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: ABYG18KRTA

#### ● Cooling

Fan speed	Airflow	
HIGH	$\text{m}^3/\text{h}$	840
	$\text{l/s}$	233
	CFM	494
MED	$\text{m}^3/\text{h}$	790
	$\text{l/s}$	219
	CFM	465
LOW	$\text{m}^3/\text{h}$	710
	$\text{l/s}$	197
	CFM	418
QUIET	$\text{m}^3/\text{h}$	650
	$\text{l/s}$	181
	CFM	383

#### ● Heating

Fan speed	Airflow	
HIGH	$\text{m}^3/\text{h}$	840
	$\text{l/s}$	233
	CFM	494
MED	$\text{m}^3/\text{h}$	790
	$\text{l/s}$	219
	CFM	465
LOW	$\text{m}^3/\text{h}$	710
	$\text{l/s}$	197
	CFM	418
QUIET	$\text{m}^3/\text{h}$	650
	$\text{l/s}$	181
	CFM	383