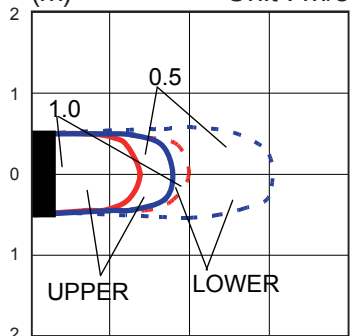


7. FAN PERFORMANCE AND CAPACITY

7-1. AIR VELOCITY DISTRIBUTION

■ MODEL: AG*G09LVCA, AG*G12LVCA, AG*G14LVCA

(m) Unit : m/s



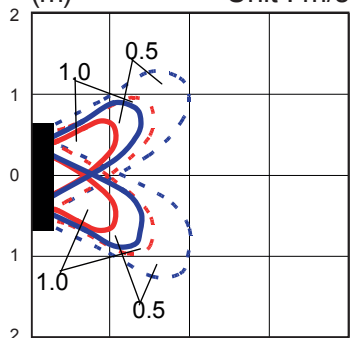
TOP VIEW
FLOW CONTROL PANEL : Horiz.
LOUVER : Center

Conditions:

- Fan speed : HI
- Operation mode : FAN
- Fan select : UPPER&LOWER
- : UPPER FAN
- - - - - : LOWER FAN

(m)

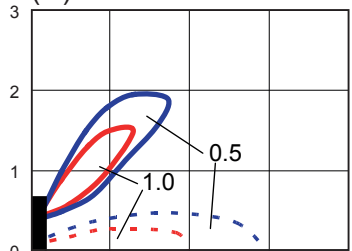
(m) Unit : m/s



TOP VIEW
FLOW CONTROL PANEL : Horiz.
LOUVER : Right & Left

(m)

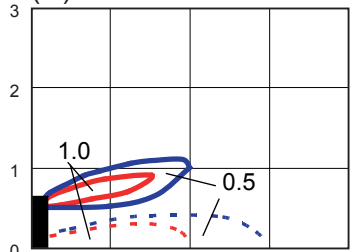
(m) Unit : m/s



SIDE VIEW
FLOW CONTROL PANEL : Vert
LOUVER : Center

(m)

(m) Unit : m/s



SIDE VIEW
FLOW CONTROL PANEL : Horiz.
LOUVER : Center

(m)

7-2. AIRFLOW

■ MODEL: AG*G09LVCA, AG*G12LVCA

● Cooling

| Fan speed | Number of rotations [r.p.m] (UPPER/LOWER) | Airflow | |
|-----------|---|-------------------|-----|
| | | m ³ /h | l/s |
| HIGH | 1190/1000 | m ³ /h | 570 |
| | | l/s | 158 |
| | | CFM | 335 |
| MED | 1000/850 | m ³ /h | 460 |
| | | l/s | 128 |
| | | CFM | 271 |
| LOW | 820/690 | m ³ /h | 360 |
| | | l/s | 100 |
| | | CFM | 212 |
| QUIET | 660/560 | m ³ /h | 270 |
| | | l/s | 75 |
| | | CFM | 159 |

● Heating

| Fan speed | Number of rotations [r.p.m] (UPPER/LOWER) | Airflow | |
|-----------|---|-------------------|-----|
| | | m ³ /h | l/s |
| HIGH | 1240/1040 | m ³ /h | 600 |
| | | l/s | 167 |
| | | CFM | 353 |
| MED | 1040/880 | m ³ /h | 480 |
| | | l/s | 133 |
| | | CFM | 282 |
| LOW | 840/700 | m ³ /h | 370 |
| | | l/s | 103 |
| | | CFM | 218 |
| QUIET | 660/560 | m ³ /h | 270 |
| | | l/s | 75 |
| | | CFM | 159 |

■ MODEL: AG*G14LVCA

● Cooling

| Fan speed | Number of rotations [r.p.m] (UPPER/LOWER) | Airflow | |
|-----------|---|-------------------|-----|
| | | | |
| HIGH | 1330/1120 | m ³ /h | 650 |
| | | l/s | 181 |
| | | CFM | 383 |
| MED | 1100/930 | m ³ /h | 520 |
| | | l/s | 144 |
| | | CFM | 306 |
| LOW | 890/750 | m ³ /h | 400 |
| | | l/s | 111 |
| | | CFM | 235 |
| QUIET | 660/560 | m ³ /h | 270 |
| | | l/s | 75 |
| | | CFM | 159 |

● Heating

| Fan speed | Number of rotations [r.p.m] (UPPER/LOWER) | Airflow | |
|-----------|---|-------------------|-----|
| | | | |
| HIGH | 1330/1120 | m ³ /h | 650 |
| | | l/s | 181 |
| | | CFM | 383 |
| MED | 1100/930 | m ³ /h | 520 |
| | | l/s | 144 |
| | | CFM | 306 |
| LOW | 860/730 | m ³ /h | 390 |
| | | l/s | 108 |
| | | CFM | 230 |
| QUIET | 660/560 | m ³ /h | 270 |
| | | l/s | 75 |
| | | CFM | 159 |