

General Specifications

Technical drawing of the 120mm x 120mm x 25mm cooling fan, showing front and side views with dimensions in mm and inches.

Front View Dimensions:

- Overall Width: $92 \pm 0,5$ mm [$3,622 \pm 0,020$ inch]
- Mounting Hole Spacing: $82,5 \pm 0,3$ mm [$3,248 \pm 0,012$ inch]
- Mounting Hole Diameter: $8 - \Phi 4,4 \pm 0,2$ [$\Phi 0,173 \pm 0,008$ inch]
- Overall Height: $92 \pm 0,5$ mm [$3,622 \pm 0,020$ inch]
- Internal Frame Height: $82,5 \pm 0,3$ mm [$3,248 \pm 0,012$ inch]
- Label: LABEL
- Wiring Harness Length: 200 ± 10 mm
- Wiring Harness Total Length: $7,874 \pm 0,394$ mm

Side View Dimensions:

- Overall Thickness: $25 \pm 0,5$ mm [$0,984 \pm 0,020$ inch]
- Mounting Flange Thickness: 4 mm [$0,157$ inch]
- Mounting Flange Width: $4,2$ mm [$0,165$ inch]

Other Features:

- Rotation: Indicated by a curved arrow pointing clockwise.
- Air Flow: Indicated by a straight arrow pointing to the right.

Unit : mm[inch]

Figure 10 is a line graph showing the relationship between static pressure (P_s) in mmAq (Y-axis) and air flow rate (Q) in CFM (X-axis) for various fan speeds (RPM). The Y-axis ranges from 0.0 to 12.0 mmAq, and the X-axis ranges from 0.0 to 100.0 CFM. The graph displays seven curves corresponding to different fan speeds: 5200 RPM (red), 5000 RPM (yellow), 4500 RPM (green), 4000 RPM (cyan), 3500 RPM (purple), 3000 RPM (dark blue), and 2500 RPM (dark red). All curves show a decreasing trend of static pressure as air flow rate increases, with higher RPM curves positioned higher on the graph.

Specifications are subject to change without notice

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