

JF3007 — 30 × 30 × 7.5 mm DC Axial Fan

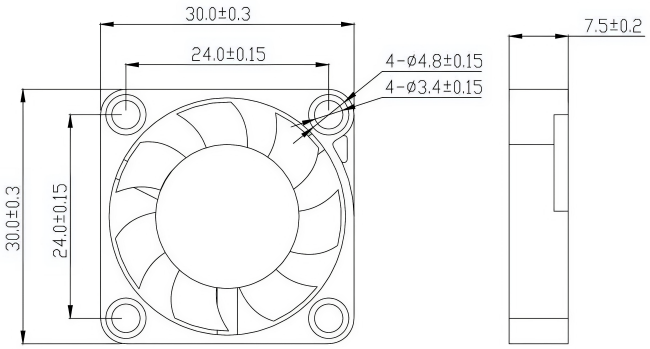
Compact cooling fan for laptops, projectors, sensors and compact electronics

General Specifications

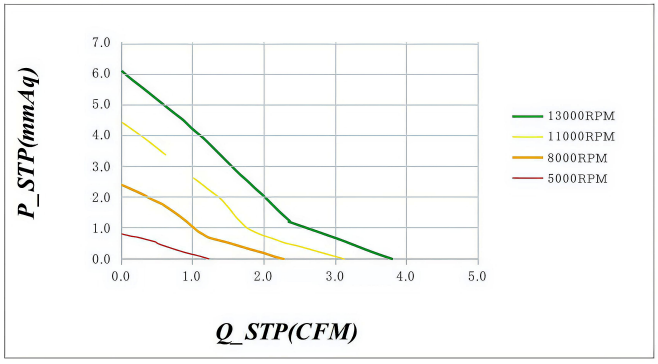
- **Series size:** 30 × 30 × 7.5 mm
- **Frame / impeller:** Flame-retardant PBT, UL 94V-0
- **Bearing system:** Hydraumatic or sleeve bearing
- **Mounting holes:** 4×Ø3.4 ±0.15 mm
- **Rated voltage:** 5 VDC or 12 VDC
- **Speed options:** 5,000 / 8,000 / 11,000 / 13,000 RPM
- **Max airflow:** 3.81 CFM | **Max pressure:** 6.06 mmH_2O
- **Functions:** Motor protection, FG/RD/PWM optional

Performance Data

Model	Rated Voltage	Operating Voltage	Rated Current	Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JF3007-05L	5 VDC	4.3–5.4 VDC	0.12 A	0.60 W	5,000 RPM	0.030 m³/min (1.23 CFM)	0.82 mmH_2O (0.032 inH_2O)	22.0 dB(A)
JF3007-12L	12 VDC	7.0–13.5 VDC	0.05 A	0.60 W	5,000 RPM	0.030 m³/min (1.23 CFM)	0.82 mmH_2O (0.032 inH_2O)	22.0 dB(A)
JF3007-05M	5 VDC	4.3–5.4 VDC	0.17 A	0.85 W	8,000 RPM	0.060 m³/min (2.28 CFM)	2.40 mmH_2O (0.094 inH_2O)	27.0 dB(A)
JF3007-12M	12 VDC	7.0–13.5 VDC	0.07 A	0.84 W	8,000 RPM	0.060 m³/min (2.28 CFM)	2.40 mmH_2O (0.094 inH_2O)	27.0 dB(A)
JF3007-05H	5 VDC	4.3–5.4 VDC	0.25 A	1.25 W	11,000 RPM	0.090 m³/min (3.13 CFM)	4.42 mmH_2O (0.174 inH_2O)	34.5 dB(A)
JF3007-12H	12 VDC	7.0–13.5 VDC	0.10 A	1.20 W	11,000 RPM	0.090 m³/min (3.13 CFM)	4.42 mmH_2O (0.174 inH_2O)	34.5 dB(A)
JF3007-05U	5 VDC	4.3–5.4 VDC	0.32 A	1.60 W	13,000 RPM	0.100 m³/min (3.81 CFM)	6.06 mmH_2O (0.239 inH_2O)	38.5 dB(A)
JF3007-12U	12 VDC	7.0–13.5 VDC	0.13 A	1.56 W	13,000 RPM	0.100 m³/min (3.81 CFM)	6.06 mmH_2O (0.239 inH_2O)	38.5 dB(A)



Mechanical Dimensions (mm)



Airflow — Static Pressure Curve

Specifications subject to change without notice