

JF4010 — 40 × 40 × 10.4 mm DC Axial Fan

Standard 40 mm fan for 3D printers, monitors, humidifiers and compact equipment

General Specifications

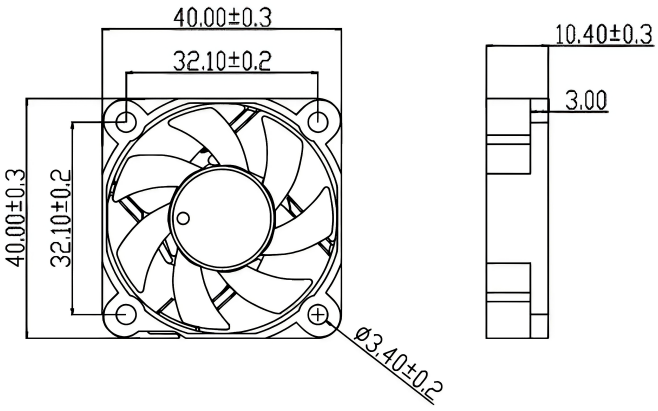
- **Series size:** 40 × 40 × 10.4 mm
- **Frame / impeller:** Flame-retardant PBT, UL 94V-0
- **Bearing system:** Ball or sleeve bearing
- **Mounting holes:** 4×Ø3.40 ±0.2 mm
- **Rated voltage:** 5 VDC or 12 VDC
- **Speed options:** 5,500 / 6,500 / 7,500 / 8,000 RPM
- **Max airflow:** 8.23 CFM | **Max pressure:** 4.66 mmH_2O
- **Functions:** Motor protection, FG/RD/PWM optional

Typical Applications

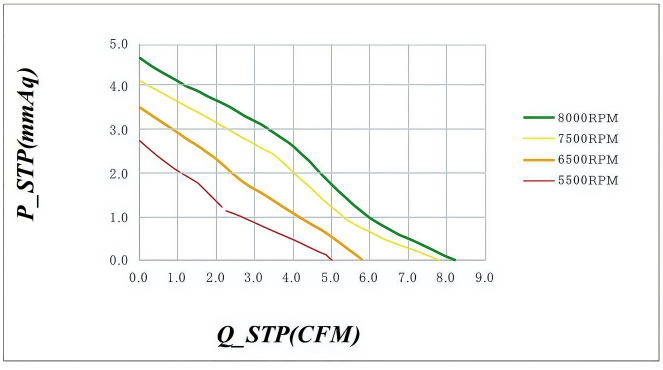
1. Small AI Computer Mini AI PCs, edge AI devices, compact AI computing boxes	**2. 3D Printers** Desktop 3D printers, controller board cooling
3. Monitors & Displays LCD monitors, digital signage, small display enclosures	**4. Humidifiers & Compact Appliances** Humidifiers, air purifiers, compact home appliances

Performance Data

Model	Rated Voltage	Operating Voltage	Rated Current	Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JF4010-05L	5 VDC	4.3–5.4 VDC	0.11 A	0.55 W	5,500 RPM	0.17 m³/min (5.97 CFM)	2.48 mmH_2O (0.10 inH_2O)	28.5 dB(A)
JF4010-12L	12 VDC	7.0–13.5 VDC	0.08 A	0.96 W	5,500 RPM	0.17 m³/min (5.97 CFM)	2.48 mmH_2O (0.10 inH_2O)	28.5 dB(A)
JF4010-05M	5 VDC	4.3–5.4 VDC	0.20 A	1.00 W	6,500 RPM	0.19 m³/min (6.78 CFM)	3.12 mmH_2O (0.12 inH_2O)	34.0 dB(A)
JF4010-12M	12 VDC	7.0–13.5 VDC	0.11 A	1.32 W	6,500 RPM	0.19 m³/min (6.78 CFM)	3.12 mmH_2O (0.12 inH_2O)	34.0 dB(A)
JF4010-05H	5 VDC	4.3–5.4 VDC	0.15 A	0.75 W	7,500 RPM	0.22 m³/min (7.80 CFM)	4.13 mmH_2O (0.16 inH_2O)	37.5 dB(A)
JF4010-12H	12 VDC	7.0–13.5 VDC	0.08 A	0.96 W	7,500 RPM	0.22 m³/min (7.80 CFM)	4.13 mmH_2O (0.16 inH_2O)	37.5 dB(A)
JF4010-05U	5 VDC	4.3–5.4 VDC	0.19 A	0.95 W	8,000 RPM	0.23 m³/min (8.23 CFM)	4.66 mmH_2O (0.18 inH_2O)	39.6 dB(A)
JF4010-12U	12 VDC	7.0–13.5 VDC	0.09 A	1.08 W	8,000 RPM	0.23 m³/min (8.23 CFM)	4.66 mmH_2O (0.18 inH_2O)	39.6 dB(A)



Mechanical Dimensions (mm)



Airflow — Static Pressure Curve

Specifications subject to change without notice