

JF4020 — 40 × 40 × 20 mm DC Axial Fan

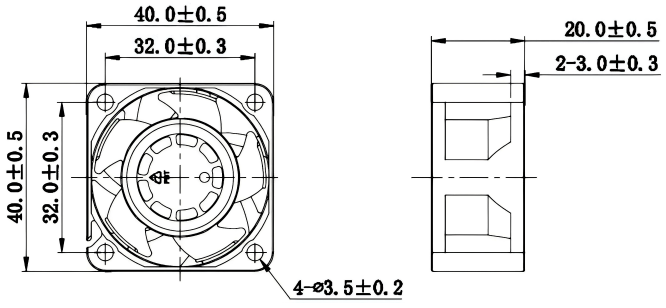
High-power 40 mm fan for 3D printers, power amplifiers, server racks and industrial cooling

General Specifications

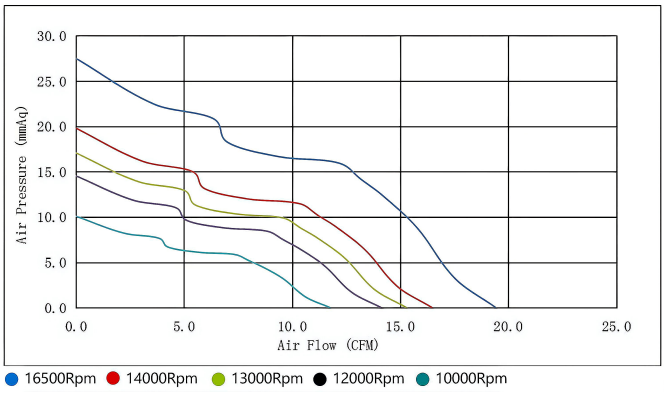
- **Series size:** 40 × 40 × 20 mm
- **Frame / impeller:** Flame-retardant PBT, UL 94V-0
- **Bearing system:** Dual ball bearing
- **Mounting holes:** 4×Ø3.5 ±0.2 mm
- **Rated voltages:** 12 VDC or 24 VDC
- **Speed options:** 10,000 / 12,000 / 13,000 / 14,000 / 16,500 RPM
- **Max airflow:** 19.42 CFM | **Max pressure:** 27.49 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
JF4020-12L	12 VDC	7.0–13.5 VDC	0.18 A	2.16 W	10,000 RPM	11.77 CFM	10.10 mmH_2O (0.398 inH_2O)	38.9 dB(A)
JF4020-12M	12 VDC	7.0–13.5 VDC	0.24 A	2.88 W	12,000 RPM	14.13 CFM	14.54 mmH_2O (0.572 inH_2O)	42.9 dB(A)
JF4020-12H	12 VDC	7.0–13.5 VDC	0.32 A	3.84 W	14,000 RPM	16.48 CFM	19.79 mmH_2O (0.779 inH_2O)	46.2 dB(A)
JF4020-12U	12 VDC	7.0–13.5 VDC	0.50 A	6.00 W	16,500 RPM	19.42 CFM	27.49 mmH_2O (1.082 inH_2O)	49.8 dB(A)
JF4020-24M	24 VDC	18–26.5 VDC	0.10 A	2.40 W	10,000 RPM	11.77 CFM	10.10 mmH_2O (0.398 inH_2O)	38.9 dB(A)
JF4020-24H	24 VDC	18–26.5 VDC	0.16 A	3.84 W	13,000 RPM	15.30 CFM	17.06 mmH_2O (0.672 inH_2O)	44.6 dB(A)



Mechanical Dimensions (mm)



Airflow — Static Pressure Curve

Specifications subject to change without notice