

JF12025 — 120 × 120 × 25 mm DC Axial Cooling Fan

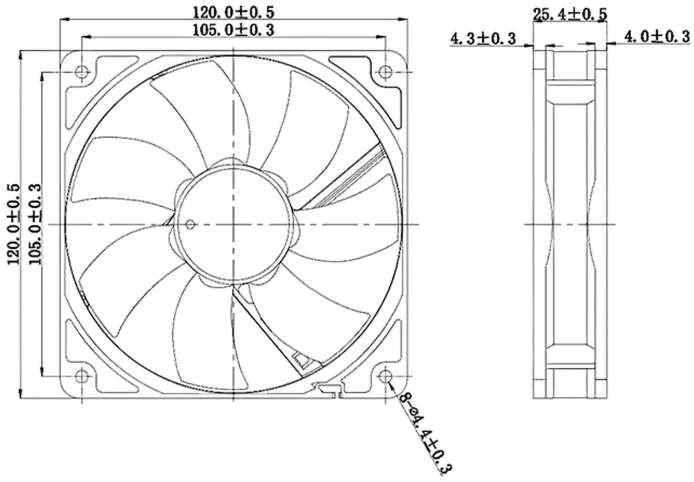
Quiet, reliable 120 mm fan for PCs, monitors, network equipment and general ventilation

General Specifications

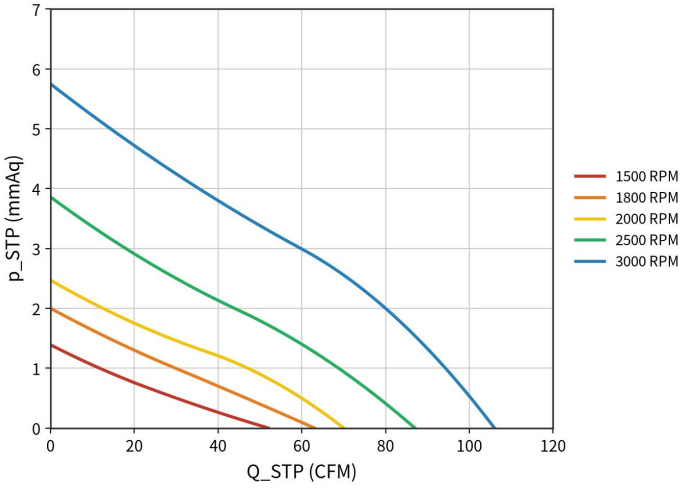
- **Series size:** 120 × 120 × 25.4 mm
- **Frame / impeller:** Flame-retardant PBT, UL 94V-0
- **Bearing system:** Sleeve / Hydraumatic / Dual ball
- **Mounting holes:** 4×Ø4.4 ±0.3 mm
- **Rated voltages:** 5 / 12 / 18 / 24 / 48 VDC
- **Speed options:** 1,500 – 3,000 RPM
- **Max airflow:** 106.36 CFM | **Max pressure:** 5.75 mmH_2O
- **Functions:** Motor protection, FG/RD/PWM optional

Performance Data

Model	Rated Voltage	Rated Current	Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JF12025-05L	5 VDC	0.12 A	0.60 W	1,500 RPM	52.31 CFM	1.39 mmH_2O	28.0 dB(A)
JF12025-12L	12 VDC	0.06 A	0.72 W	1,500 RPM	52.31 CFM	1.39 mmH_2O	28.0 dB(A)
JF12025-18L	18 VDC	0.04 A	0.72 W	1,500 RPM	52.31 CFM	1.39 mmH_2O	28.0 dB(A)
JF12025-05M	5 VDC	0.22 A	1.10 W	1,800 RPM	62.77 CFM	2.00 mmH_2O	32.0 dB(A)
JF12025-05H	5 VDC	0.30 A	1.50 W	2,000 RPM	69.74 CFM	2.47 mmH_2O	35.0 dB(A)
JF12025-12M	12 VDC	0.11 A	1.32 W	2,000 RPM	69.74 CFM	2.47 mmH_2O	35.0 dB(A)
JF12025-18M	18 VDC	0.07 A	1.26 W	2,000 RPM	69.74 CFM	2.47 mmH_2O	35.0 dB(A)
JF12025-24L	24 VDC	0.11 A	2.64 W	2,000 RPM	69.74 CFM	2.47 mmH_2O	35.0 dB(A)
JF12025-48L	48 VDC	0.08 A	3.84 W	2,000 RPM	69.74 CFM	2.47 mmH_2O	35.0 dB(A)
JF12025-12H	12 VDC	0.27 A	3.24 W	2,500 RPM	87.18 CFM	3.86 mmH_2O	39.0 dB(A)
JF12025-18H	18 VDC	0.18 A	3.24 W	2,500 RPM	87.18 CFM	3.86 mmH_2O	39.0 dB(A)
JF12025-24M	24 VDC	0.20 A	4.80 W	3,000 RPM	106.36 CFM	5.75 mmH_2O	47.0 dB(A)
JF12025-48M	48 VDC	0.12 A	5.76 W	3,000 RPM	106.36 CFM	5.75 mmH_2O	47.0 dB(A)



Mechanical Dimensions (mm)



Airflow — Static Pressure Curve

Specifications subject to change without notice