

JF9238 — 92 × 92 × 38 mm High-Performance DC Axial Fan

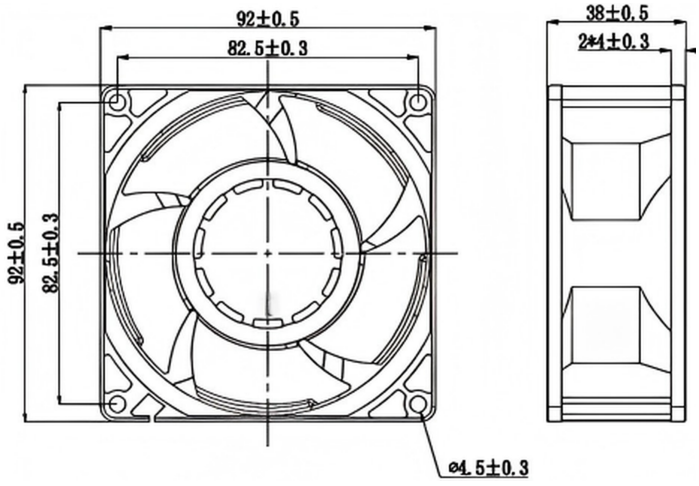
High-pressure, high-airflow 92 mm fan for servers, power supplies, inverters and industrial cooling

General Specifications

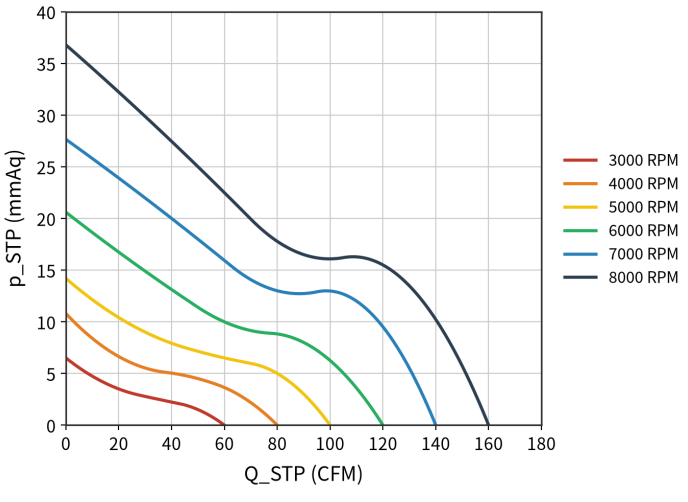
- **Series size:** 92 × 92 × 38 mm
- **Frame / impeller:** Flame-retardant PBT, UL 94V-0
- **Bearing system:** Dual ball bearing
- **Mounting holes:** 4×Ø4.5 ±0.3 mm
- **Rated voltages:** 12 / 24 / 48 VDC
- **Speed options:** 3,000 – 8,000 RPM
- **Max airflow:** 166.69 CFM | **Max pressure:** 36.79 mmH_2O
- **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
JF9238-12L	12 VDC	8.0–13.5 VDC	0.20 A	2.40 W	3,000 RPM	1.70 m³/min (59.87 CFM)	6.37 mmH_2O (0.25 inH_2O)	39 dB(A)
JF9238-24L	24 VDC	18–26.5 VDC	0.10 A	2.40 W	3,000 RPM	1.70 m³/min (59.87 CFM)	6.37 mmH_2O (0.25 inH_2O)	39 dB(A)
JF9238-48L	48 VDC	36–54 VDC	0.05 A	2.52 W	3,000 RPM	1.70 m³/min (59.87 CFM)	6.37 mmH_2O (0.25 inH_2O)	39 dB(A)
JF9238-12LL	12 VDC	8.0–13.5 VDC	0.34 A	4.08 W	4,000 RPM	2.31 m³/min (81.47 CFM)	10.89 mmH_2O (0.43 inH_2O)	46 dB(A)
JF9238-24LL	24 VDC	18–26.5 VDC	0.16 A	3.84 W	4,000 RPM	2.31 m³/min (81.47 CFM)	10.89 mmH_2O (0.43 inH_2O)	46 dB(A)
JF9238-48LL	48 VDC	36–54 VDC	0.08 A	3.84 W	4,000 RPM	2.31 m³/min (81.47 CFM)	10.89 mmH_2O (0.43 inH_2O)	46 dB(A)
JF9238-12M	12 VDC	8.0–13.5 VDC	0.82 A	9.84 W	5,000 RPM	2.78 m³/min (98.02 CFM)	14.24 mmH_2O (0.56 inH_2O)	51.3 dB(A)
JF9238-24M	24 VDC	18–26.5 VDC	0.40 A	9.60 W	5,000 RPM	2.78 m³/min (98.02 CFM)	14.24 mmH_2O (0.56 inH_2O)	51.3 dB(A)
JF9238-48M	48 VDC	36–54 VDC	0.19 A	9.12 W	5,000 RPM	2.78 m³/min (98.02 CFM)	14.24 mmH_2O (0.56 inH_2O)	51.3 dB(A)
JF9238-12H	12 VDC	8.0–13.5 VDC	1.01 A	12.12 W	6,000 RPM	3.41 m³/min (120.58 CFM)	20.60 mmH_2O (0.81 inH_2O)	58.3 dB(A)
JF9238-24H	24 VDC	18–26.5 VDC	0.48 A	11.52 W	6,000 RPM	3.41 m³/min (120.58 CFM)	20.60 mmH_2O (0.81 inH_2O)	58.3 dB(A)
JF9238-48H	48 VDC	36–54 VDC	0.23 A	11.04 W	6,000 RPM	3.41 m³/min (120.58 CFM)	20.60 mmH_2O (0.81 inH_2O)	58.3 dB(A)
JF9238-12HH	12 VDC	8.0–13.5 VDC	1.27 A	15.24 W	7,000 RPM	4.06 m³/min (143.39 CFM)	27.65 mmH_2O (1.09 inH_2O)	62.1 dB(A)
JF9238-24HH	24 VDC	18–26.5 VDC	0.60 A	14.40 W	7,000 RPM	4.06 m³/min (143.39 CFM)	27.65 mmH_2O (1.09 inH_2O)	62.1 dB(A)
JF9238-48HH	48 VDC	36–54 VDC	0.30 A	14.40 W	7,000 RPM	4.06 m³/min (143.39 CFM)	27.65 mmH_2O (1.09 inH_2O)	62.1 dB(A)
JF9238-12U	12 VDC	8.0–13.5 VDC	2.50 A	30.00 W	8,000 RPM	4.72 m³/min (166.69 CFM)	36.79 mmH_2O (1.45 inH_2O)	65.5 dB(A)
JF9238-24U	24 VDC	18–26.5 VDC	1.50 A	36.00 W	8,000 RPM	4.72 m³/min (166.69 CFM)	36.79 mmH_2O (1.45 inH_2O)	65.5 dB(A)
JF9238-48U	48 VDC	36–54 VDC	0.60 A	28.80 W	8,000 RPM	4.72 m³/min (166.69 CFM)	36.79 mmH_2O (1.45 inH_2O)	65.5 dB(A)



Mechanical Dimensions (mm)



Airflow — Static Pressure Curve

Specifications subject to change without notice