



# JA12038 — 120 × 120 × 38 mm AC Axial Fan

## Typical Applications

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|---|---|
| **Industrial Automation**<br>Heat dissipation for frequency inverters and servo-driver power modules; ventilation for PLC electrical control cabinets and industrial IPC enclosures; cooling for welding machines and high-power switching power supplies | **New Energy & Power**<br>Ventilation for photovoltaic inverters and energy-storage BMS cabinets; heat dissipation for UPS units and electric measuring instruments; cooling for charging-pile power modules |
| **Lighting & Stage**<br>Thermal management for high-power LED control cabinets and LED display walls; cooling for moving-head stage lights and professional bar lighting fixtures | **Medical Equipment**<br>Chassis ventilation and heat dissipation for large medical analytical instruments and medical-device cabinets |
| **Telecom & Network**<br>Cooling for telecommunication cabinets, network switch housings and industrial server enclosures | **Other Industrial**<br>Ventilation for food-baking machines, ageing-test chambers and other high-power industrial equipment enclosures |

## General Specifications

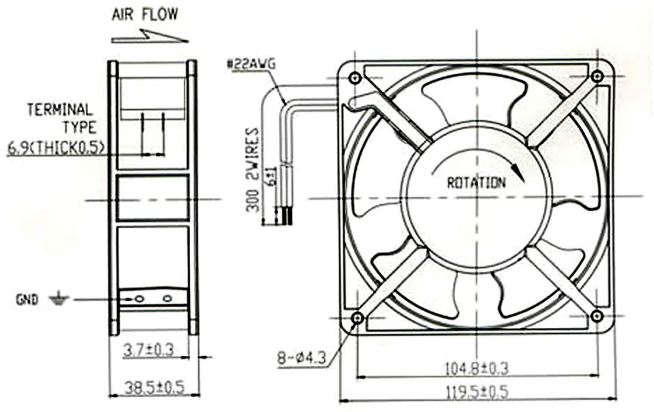
- **Frame:** Aluminum alloy, painted black
- **Impeller:** Retardant thermoplastic, black, UL 94V-0
- **Motor:** Two-pole shaded-pole induction motor
- **Speed tolerance:** ±10%
- **Frequency:** 50 / 60 Hz
- **Protection:** Impedance protected
- **Weight:** 480 g

## Purchasing Information

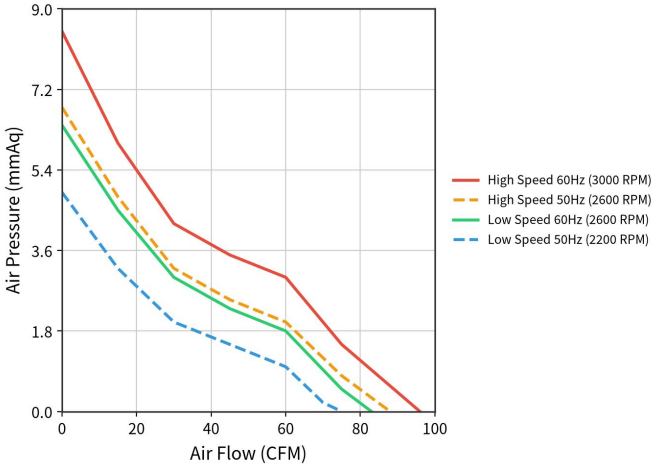
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|---|---|---|
| **Sample:** Fastest shipment within 3 working days | **MOQ:** 500 pcs | **Delivery:** Ship out within 15 days |

## Performance Data

| Model | Bearing | Rated Voltage | Freq. (Hz) | Air Flow (CFM) | Static Press. (mmH₂O) | Speed (RPM) | Rated Current (A) | Rated Power (W) | Noise dB(A) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|
| JA12038HB1 | Dual Ball | 110–120 VAC | 50/60 | 88/96 | 6.8/8.5 | 2600/3000 | 0.26/0.22 | 18/16 | 44/48 | 480 |
| JA12038MB1 | Dual Ball | 110–120 VAC | 50/60 | 75/83 | 4.9/6.4 | 2200/2600 | 0.17/0.14 | 14/12 | 40/45 | 480 |
| JA12038HS1 | Sleeve | 110–120 VAC | 50/60 | 88/96 | 6.8/8.5 | 2600/3000 | 0.26/0.22 | 18/16 | 44/48 | 480 |
| JA12038MS1 | Sleeve | 110–120 VAC | 50/60 | 75/83 | 4.9/6.4 | 2200/2600 | 0.17/0.14 | 14/12 | 40/45 | 480 |
| JA12038HB2 | Dual Ball | 220–240 VAC | 50/60 | 88/96 | 6.8/8.5 | 2600/3000 | 0.13/0.11 | 18/16 | 44/48 | 480 |
| JA12038MB2 | Dual Ball | 220–240 VAC | 50/60 | 75/83 | 4.9/6.4 | 2200/2600 | 0.09/0.08 | 14/12 | 40/45 | 480 |
| JA12038HS2 | Sleeve | 220–240 VAC | 50/60 | 88/96 | 6.8/8.5 | 2600/3000 | 0.13/0.11 | 18/16 | 44/48 | 480 |
| JA12038MS2 | Sleeve | 220–240 VAC | 50/60 | 75/83 | 4.9/6.4 | 2200/2600 | 0.09/0.08 | 14/12 | 40/45 | 480 |




Mechanical Dimensions (mm)




Airflow — Static Pressure Curve