

RoHS
Compliant



Specification

| | |
|--------------------------------------|--|
| Rated Voltage | : 100V AC to 240V AC 50Hz/60Hz |
| Rated Current | : 0.107 A @ 100V AC 0.058 A @ 240V AC |
| Rated Power | : 5.1 W |
| Tolerance | : ±20% on Rated Power and Current |
| Rated Speed | : 3600 RPM ±10% in Free Air at Rated Voltage |
| Max. Airflow At Zero Static Pressure | : Nominal 109 / MIN. 96.6 CFM Nominal 185 / MIN. 164 m³/h |
| Max. Static Pressure At Zero Airflow | : Nominal 0.37 / MIN. 0.31 inch-H ₂ O Nominal 92 / MIN. 77Pa |
| Acoustic Noise | : Nominal 44.9 dB(A) / MAX.47.9 dB(A) |
| Insulation Class | : F |
| Ingress Protection | : None |
| Life Expectancy | : 70,000 Hours at 40°C, 15-65% RH. |
| Direction of Rotation | : Counter-Clockwise From Blade Side |

Mechanical

| | |
|------------------------|---------------------------------|
| Bearing System | : Ball Bearing System |
| Materials of Frame | : Thermoplastic PBT of UL 94V-0 |
| Materials of Fan Blade | : Thermoplastic PPS of UL 94V-0 |
| Impeller Balance Grade | : G6.3 Per ISO 1940-1:2003(E) |
| Weight | : 265 Grams |

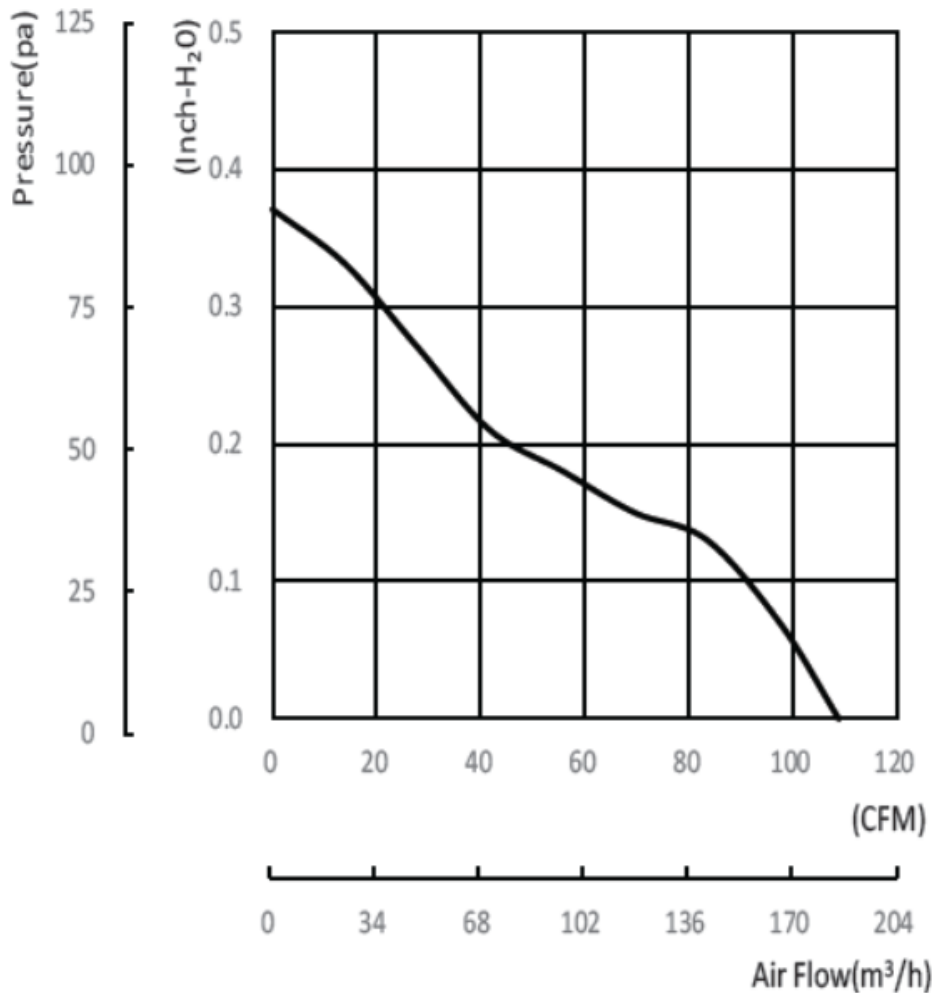
Environmental

| | |
|-----------------------------|------------------|
| Operating Temperature Range | : -25°C to +70°C |
| Storage Temperature Range | : -40°C to +70°C |
| Operating Humidity Range | : 5 to 90% RH |
| Storage Humidity Range | : 5 to 95% RH |

Protection

- Automatic Restart
- Soft Start
- Over Load Protection
- Locked Rotor Protection

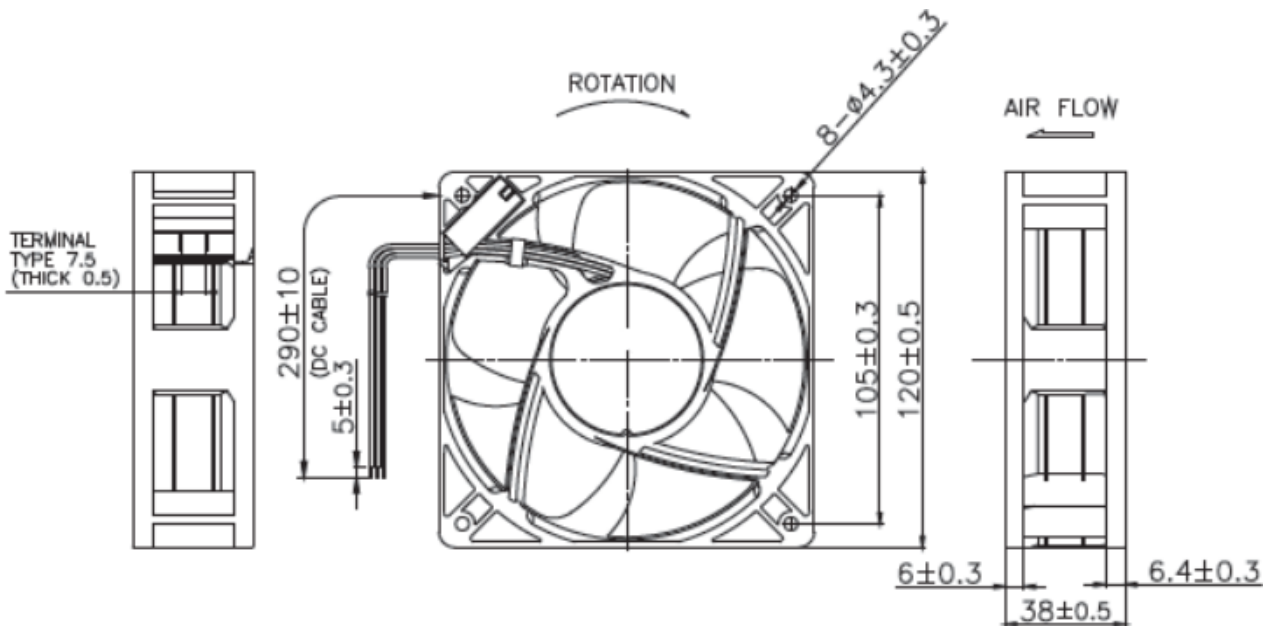
Air Flow & Static Pressure Curve



NOTE: The airflow and static pressure are measured with specific fixture.

Dimensions

| Screw Type (Pan Head) | Torque | Screw Spec. | |
|-----------------------|------------|-------------|---------------|
| | | Size | Standard |
| Machine Screw | 3~4 kgf-cm | M4 | JISB1111-1974 |



| Item | Functions | Wire Type | Colour |
|----------|-----------|----------------|--------|
| AC Cable | L | UL 3266 #24AWG | Gray |
| | N | UL 3266 #24AWG | |
| DC Cable | ISO_GND | UL 1007 #24AWG | Black |
| | FG | UL 1007 #24AWG | Yellow |
| | PWM | UL 1007 #24AWG | Blue |

Dimensions : Millimetres

Part Number Table

| Description | Part Number |
|--|------------------------|
| AC Axial Fan, 120mm × 38mm, 100V-240V AC | MP-CF4113HBT-10000-S99 |

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