**AC Cross Flow Fans**

**MF Series**

**Impeller Length**

300 mm (11.81 in.)

---

### Specifications (RoHS)

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage VAC</th>
<th>Frequency Hz</th>
<th>Current A</th>
<th>Input W</th>
<th>Speed m/min</th>
<th>Max. Air Flow m³/min</th>
<th>CFM</th>
<th>Max. Static Pressure Pa</th>
<th>Noise Level dB (A)</th>
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<tr>
<td><strong>MF930-BC</strong></td>
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<td>50</td>
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<td>212</td>
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</table>

How to read specifications ➔ Page E-19  
Details of safety standards ➔ Page G-2  
Details of RoHS Directive ➔ Page G-38

The following items are included in each product:

- Fan, Operating Manual

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### Air Flow – Static Pressure Characteristics

How to read air flow – static pressure characteristics ➔ Page E-20

---

Ambient Temperature: $-10\degree C$ to $+60\degree C$ ($+14\degree F$ to $+140\degree F$)

Operating Voltage Range: ± 10%

Materials:
- Motor Case: Die Cast Aluminum
- Casing: Steel
- Impeller: Aluminum

Overheat Protection: Built-in Thermal Protector

Bearings: Ball Bearings
**Dimensions**  Unit = mm (in.)

**MF930-BC, MF930-DC**

- **Mass:** 1.9 kg (4.2 lb.)

**MF930B-BC, MF930B-DC**

- **Mass:** 1.9 kg (4.2 lb.)

**Panel Cut-Out**  Unit = mm (in.)

**Connection Diagram**

**Accessories**

- The following product is RoHS-Compliant.
  - **Details** ➜ Page E-137

<table>
<thead>
<tr>
<th>Product</th>
<th>Model</th>
<th>Safety Standards</th>
<th>Page</th>
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<tbody>
<tr>
<td>Finger Guard</td>
<td>FG930D</td>
<td>Conformed component</td>
<td>E-145</td>
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</table>

**Thermostats**

- A thermostat makes it possible for fans to operate only when cooling is necessary, thereby conserving energy.
Cooling Fans

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Features E-122 / System Configuration E-122 / General Specifications E-123

AC Cross Flow Fans

MF Series

Impeller Length

150 mm (5.91 in.)

Specifications (RoHS)

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Frequency</th>
<th>Current</th>
<th>Input</th>
<th>Speed</th>
<th>Max. Air Flow</th>
<th>Max. Static Pressure</th>
<th>Noise Level</th>
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<td>W</td>
<td>r/min</td>
<td>m³/min</td>
<td>CFM</td>
<td>dB (A)</td>
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<td>0.45</td>
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How to read air flow – static pressure characteristics ➜ Page E-20

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**Cooling Fans**

**Introduction**

**FM**

**AC Input**

**MRS**

**AC Input**

**Variable Flow**

**MRS**

**AC Input**

**MU**

**DC Input**

**Long-Life**

**MDE**

**DC Input**

**MDS/MD**

**AC Input**

**MB**

**DC Input**

**MBD**

**AC Input**

**MF**

**DC Input**

**MFD**

**Thermostats Accessories Installation**

---

**Dimensions**

**Unit = mm (in.)**

- **MF915-BC, MF915-DC**
  - Mass: 1.7 kg (3.7 lb.)

- **MF915B-BC, MF915B-DC**
  - Mass: 1.7 kg (3.7 lb.)

**Panel Cut-Out**

**Unit = mm (in.)**

- **Outlet Side**

**Connection Diagram**

**Accessories**

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**Thermostats**

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**UL Style 3271, AWG20**

**Rotation Direction**

**Air Flow**

**Air Flow**