Accessories

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Finger Guards

Finger guards are available to eliminate the hazards posed by rotating fan blades. Finger guards are mounted to the fan frame using bolts.

Material: Steel wire
(FGB8, FGB10, FGB12: Resin)
Finish: Chrome plating
(FG915D, FG930D: Coating Black)

Conformance to Safety Standards: These finger guards are designed to pass tests required for devices that use fans, as stipulated by UL and CSA standards. However, they conform to these standards only when used with ORIX FAN products.

Dimensions

Finger Guards for Axial Flow Fans

○ FG4D * for MD5410 (scale 1/2)
Weight: 0.15 oz. (4.2 g)
DXP E085

○ FG6D * for MD625
Weight: 0.29 oz. (8.3 g)
DXP E087

○ FG9D * for MD925, MU925
Weight: 0.99 oz. (28 g)
DXP E049

○ FG5D * for MD5510
Weight: 0.27 oz. (7.7 g)
DXP E086

○ FG8D * for MD825, MU825
Weight: 0.85 oz. (24 g)
DXP E048

○ FG12D * for MDE1225, MD1225, MD1225, MU1225, MU1238
Weight: 1.6 oz. (45 g)
DXP E051
Cooling Fans

- Thermostats

Axial Flow Fans

- AC Input
- DC Input

Centrifugal Blowers

- AC Input

Cross Flow Fans

- AC Input

MRS
- Variable Flow

MU
- Long Life

MDEMDS
- MFD

Accessories

Introduction

Before Using

MRS14

- Weight: 2.3 oz. (64 g)
- FG14D for MRS14
- OXP E052

MRS16

- Weight: 2.6 oz. (75 g)
- FG16D for MRS16
- OXP E053

MDS1751

- Weight: 2.0 oz. (57 g)
- FG17D for MDS1751
- OXP E054

MRS18

- Weight: 3.6 oz. (95 g)
- FG18D for MRS18
- OXP E055

MR520

- Weight: 3.7 oz. (105 g)
- FG20D for MR520
- OXP E056

MRS25

- Weight: 5.65 oz. (160 g)
- FG25D for MRS25
- OXP E107

Before Using

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● Finger Guard for Centrigal Blowers
   ● FGB8 for MB840, MBD8
     Weight: 1.2 oz. (34 g)
     OXP E065

● FGB12 for MB1255, MBD12
   Weight: 1.41 oz. (40 g)
   OXP E067

● Finger Guard for Cross Flow Fans
   ● FG915D for MF915 (B), MFD915 (B)
     Weight: 1.6 oz. (45 g)
     OXP E057

● FG930D for MF930 (B), MFD930 (B)
   Weight: 2.9 oz. (82 g)
   OXP E058

● FGB10 for MB1040, MBD10
   Weight: 1.34 oz. (38 g)
   OXP E066
Filters

When using a fan to cool equipment, dust may accumulate inside the equipment after long periods of operation. Depending on the parts involved, this could cause a malfunction. These filters prevent dust from entering the device.

The filter consists of the following three parts.

1. Guard: Plastic finger guard
   Flammability grade: V-0
2. Filtering Material: Polyurethane air-cleaning filter
   20 – 45 PPI (pores per inch)
   Treated with fire-resistant agent
3. Retainer: Plastic retainer for filtering material
   Flammability grade: V-0

These filters are detachable and washable.

Example of Air Flow–Static Pressure Characteristics when Using Filters

Note:
When using a filter, screen or finger guard, the Air Flow–Static Pressure Characteristics will be affected, depending on the fan filter/screen/finger guard combination.

Dimensions Scale 1/4, Unit = inch (mm)

Filters for Axial Flow Fans

FL6 for MD625
Weight: 0.39 oz. (11 g)

FL9 for MD925, MU925
Weight: 0.92 oz. (26 g)

FL8 for MD825, MU825
Weight: 0.67 oz. (19 g)
Cooling Fans

- **FL12** for **MDE1225, MDS1225, MU1225, MU1238**
  - Weight: 1.6 oz. (46 g)
  - Dimensions: 4.84 (123) x 4.84 (123) x 0.413 (10.5) x 4.126 (104.8)
  - Media: 20 Pores per inch

- **FL16** for **MRS16**
  - Weight: 4.4 oz. (126 g)
  - Dimensions: 6.50 (165) x 6.50 (165) x 0.51 (13) x 5.45 (138.5)
  - Media: 30 Pores per inch

- **FL18** for **MRS18**
  - Weight: 5.8 oz. (165 g)
  - Dimensions: 7.28 (185) x 7.28 (185) x 0.51 (13) x 6.01 (152.7)
  - Media: 30 Pores per inch

- **Filters for Centrifugal Blowers**
  - **FLB8** for **MB840, MBD8**
    - Weight: 1.4 oz. (41 g)
    - Dimensions: 0.73 (18.5) x 0.73 (18.5) x 0.73 (18.5)
    - Media: 30 Pores per inch

  - **FLB10** for **MB1040, MBD10**
    - Weight: 1.7 oz. (47 g)
    - Dimensions: 0.73 (18.5) x 0.73 (18.5) x 0.73 (18.5)
    - Media: 30 Pores per inch

  - **FLB12** for **MB1255, MBD12**
    - Weight: 1.8 oz. (52 g)
    - Dimensions: 0.73 (18.5) x 0.73 (18.5) x 0.73 (18.5)
    - Media: 30 Pores per inch
Screens

Fans are used to cool or ventilate electronic devices that may generate electromagnetic waves. These waves can escape from the fan cooling holes, causing interference to computers and measuring instruments. These screens allow the passage of air but block electromagnetic waves. By using an aluminum mesh fixed to a durable magnetic shield, screens are easily attachable to the fan using screws.

**Example of Air Flow–Static Pressure Characteristics when Using Screens**

Note:
When using a filter, screen or finger guard, the Air Flow–Static Pressure Characteristics will be affected, depending on the fan filter/screen/finger guard combination.

**Dimensions**

Scale 1/4, Unit = inch (mm)

- **F58** for MD825, MU825
  - Weight: 0.39 oz. (11 g)
  - Dimensions:
    - 3.30 (3.8)
    - 2.815 (71.5)
    - 0.169 (4.3)
    - 4 Holes
    - 1.18 (30) × 1.18 (30) Aluminum Mesh

- **F59** for MD925, MU925
  - Weight: 0.42 oz. (12 g)
  - Dimensions:
    - 3.62 (92)
    - 3.248 (82.5)
    - 0.169 (4.3)
    - 4 Holes
    - 1.18 (30) × 1.18 (30) Aluminum Mesh

- **F512** for MDE1225, MDS1225, MD1225, MU1225, MU1238
  - Weight: 0.63 oz. (18 g)
  - Dimensions:
    - 4.69 (119)
    - 4.126 (104.8)
    - 0.169 (4.3)
    - 4 Holes
    - 1.18 (30) × 1.18 (30) Aluminum Mesh
Plug Cords

These plug cords are for use with the **MU** Series axial flow fans, providing terminals for connection to the power supply. They conform to UL and CSA standards only when used with an **ORIX** fan.

**Dimensions**  Scale 1/2, Unit = **inch** (mm)

- **PCA2B** for **MU** Series 3.3 feet (1 m)
  - UL Recognized: UL File No.E58377(SP)
  - CSA Certified: CSA File No.LR64028
  - Electrical Appliance and Material Safety Law: Our products have passed the conformance tests administered by the Japan Electrical Safety and Environment Technology Laboratories (JET), which assess the performance of specific electrical appliances and materials.

- **PCA2D2** for **MU** Series 6.6 feet (2 m)
  - UL Recognized: UL File No.E58377(SP)
  - CSA Certified: CSA File No.LR64028
Mounting Brackets for Centrifugal Blowers

Material: PAS2B, PAS4B: Steel  
PAS6A, PAS5A: Aluminum alloy

Color: Dark Gray

A pedestal must be used when mounting the blower so that the blower housing does not touch the surface to which the blower is mounted.

**Dimensions**  Scale 1/4, Unit = inch (mm)

- **PAS2B** for MB520, MB630
  - Weight: 1.8 oz. (52 g)
  - DXF E088

- **PAS6A** for MB1255
  - Weight: 6.2 oz. (177 g)
  - DXF E090

- **PAS4B** for MB840, MB1040, MBD8, MBD10, MBD12
  - Weight: 4.4 oz. (125 g)
  - DXF E089

- **PAS5A** for MB1665
  - Weight: 5.5 oz. (156 g)
  - DXF E091
Duct Joints

Duct joints are used to connect the centrifugal blower outlet with the duct.
   Material: Steel
   Color: Dark Gray

Dimensions  Scale 1/4, Unit = inch (mm)

- **FD8 for MB840, MBD8**
  Weight: 6.1 oz. (173 g)
  - DXF E092

- **FD10 for MB1040, MBD10**
  Weight: 8.6 oz. (244 g)
  - DXF E093

- **FD12 for MB1255, MBD12**
  Weight: 11.7 oz. (331 g)
  - DXF E094