

Accessories

Additional Information

Technical Reference.....	F-1
General Information.....	G-1

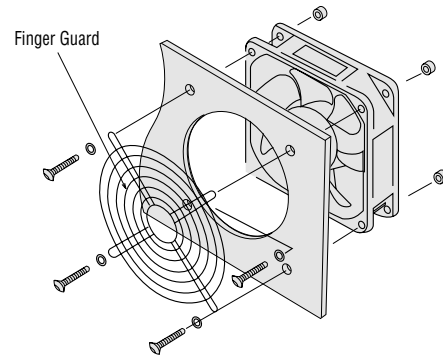
Finger Guards.....	E-102
Filters.....	E-105
Screens.....	E-107
Plug Cords.....	E-108
Mounting Brackets for Centrifugal Blowers.....	E-109
Duct Joints.....	E-110

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.



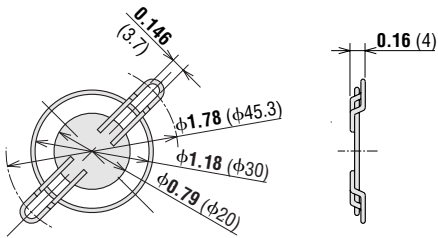
Dimensions Scale 1/4, Unit = inch (mm)

● Finger Guards for Axial Flow Fans

● FG4D* for MDS410 (scale 1/2)

Weight: 0.15 oz. (4.2 g)

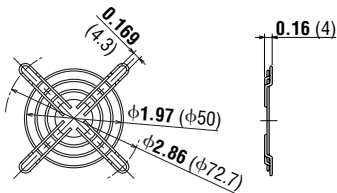
DXF E085



● FG6D* for MD625

Weight: 0.29 oz. (8.3 g)

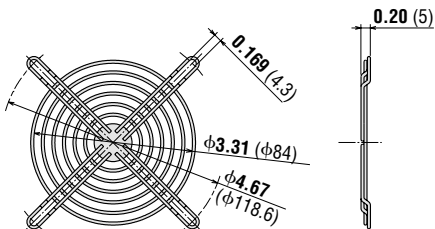
DXF E087



● FG9D* for MD925, MU925

Weight: 0.99 oz. (28 g)

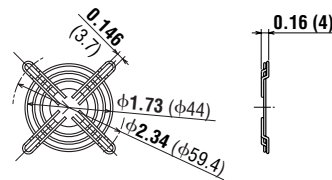
DXF E049



● FG5D* for MDS510

Weight: 0.27 oz. (7.7 g)

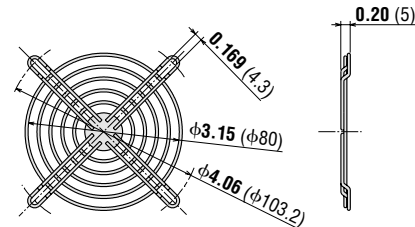
DXF E086



● FG8D* for MD825, MU825

Weight: 0.85 oz. (24 g)

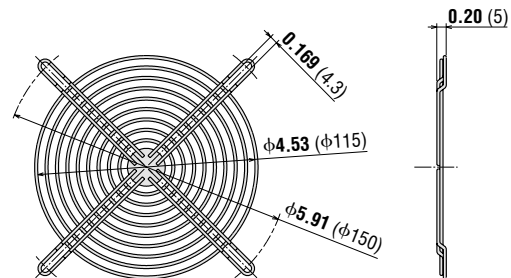
DXF E048



● FG12D* for MDE1225, MDS1225, MD1225, MU1225, MU1238

Weight: 1.6 oz. (45 g)

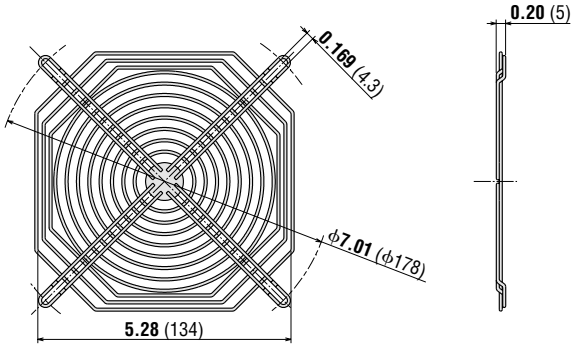
DXF E051



● **FG14D*** for **MRS14**

Weight: 2.3 oz. (64 g)

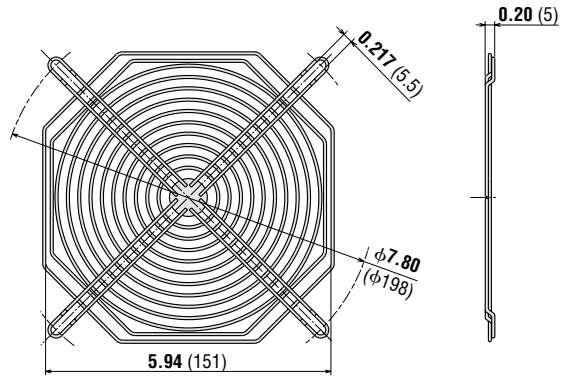
DXF E052



● **FG16D*** for **MRS16**

Weight: 2.6 oz. (75 g)

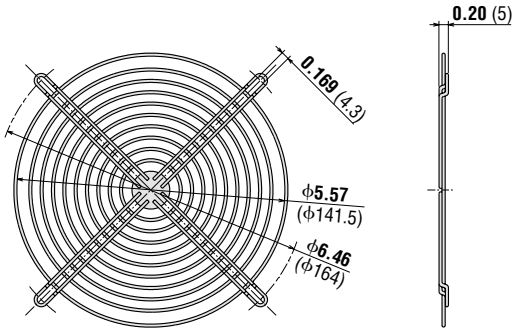
DXF E053



● **FG17D*** for **MDS1751**

Weight: 2.0 oz. (57 g)

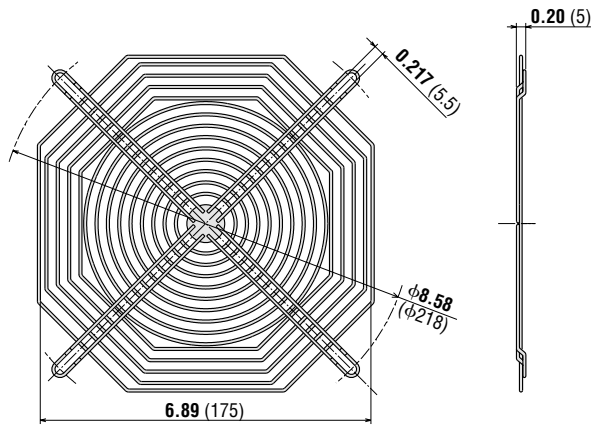
DXF E054



● **FG18D*** for **MRS18**

Weight: 3.6 oz. (95 g)

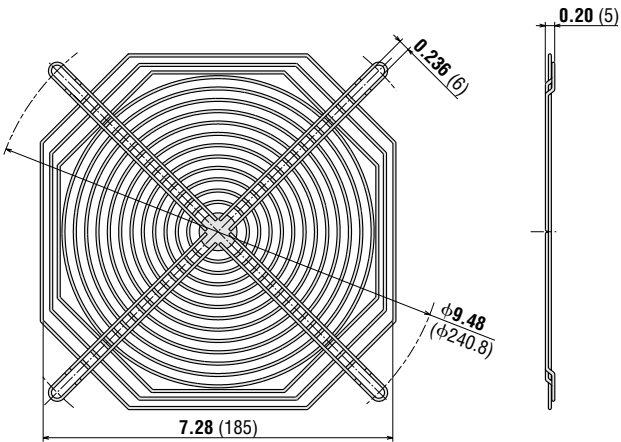
DXF E055



● **FG20D*** for **MRS20**

Weight: 3.7 oz. (105 g)

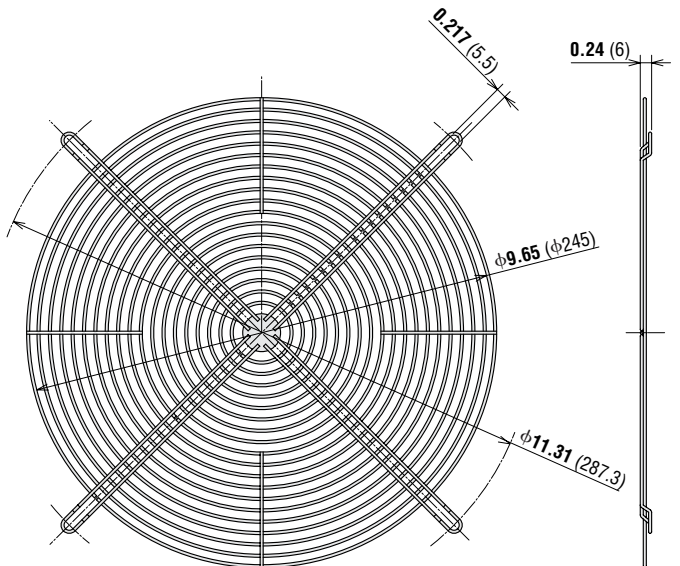
DXF E056



● **FG25D*** for **MRS25**

Weight: 5.65 oz. (160 g)

DXF E107



Introduction

MRS

AC Input
Variable
Flow

Axial Flow Fans

DC Input

MU

Long Life
MDE

MDS · MD

MB

Centrifugal Blowers

AC Input

DC Input

MAF

MFD

Thermostats

Accessories

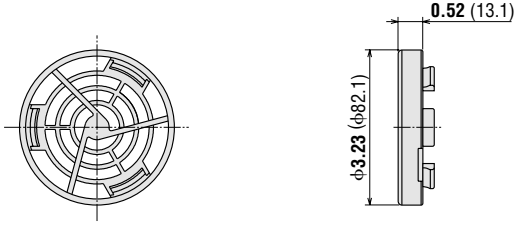
Before Using
a Fan

● **Finger Guard for Centrifugal Blowers**

● **FGB8*** for **MB840, MBD8**

Weight: 1.2 oz. (34 g)

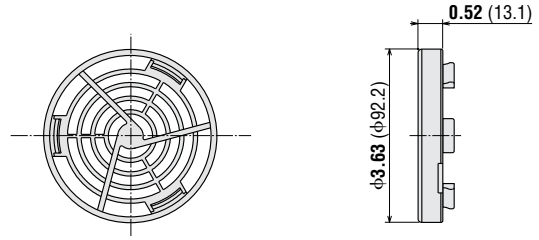
DXF E065



● **FGB10*** for **MB1040, MBD10**

Weight: 1.34 oz. (38 g)

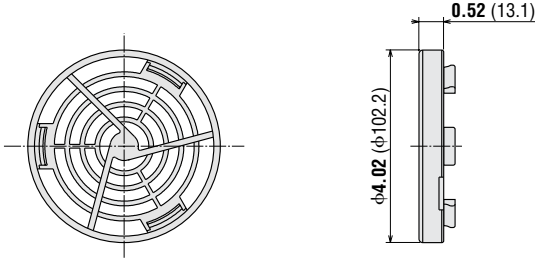
DXF E066



● **FGB12*** for **MB1255, MBD12**

Weight: 1.41 oz. (40 g)

DXF E067

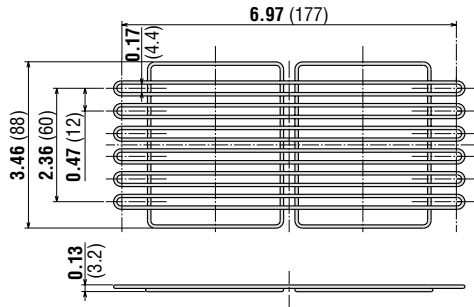


● **Finger Guard for Cross Flow Fans**

● **FG915D*** for **MF915 (B), MFD915 (B)**

Weight: 1.6 oz. (45 g)

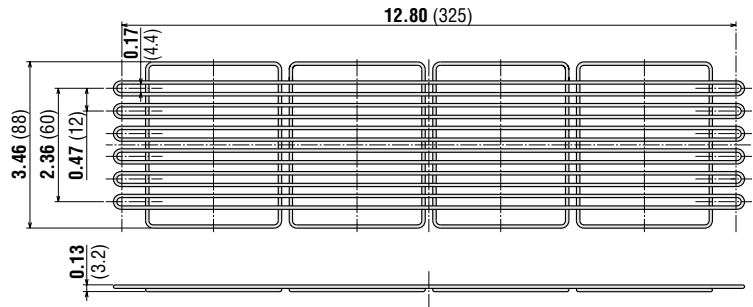
DXF E057



● **FG930D*** for **MF930 (B), MFD930 (B)**

Weight: 2.9 oz. (82 g)

DXF E058

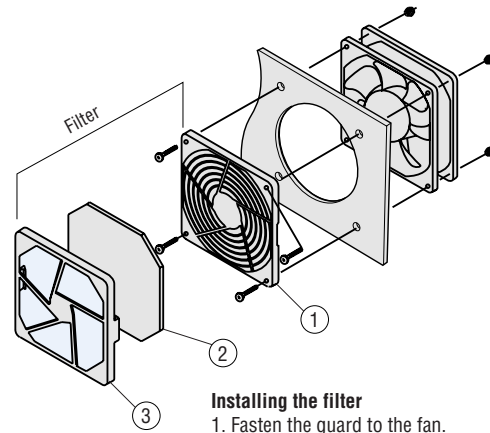


Filters

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

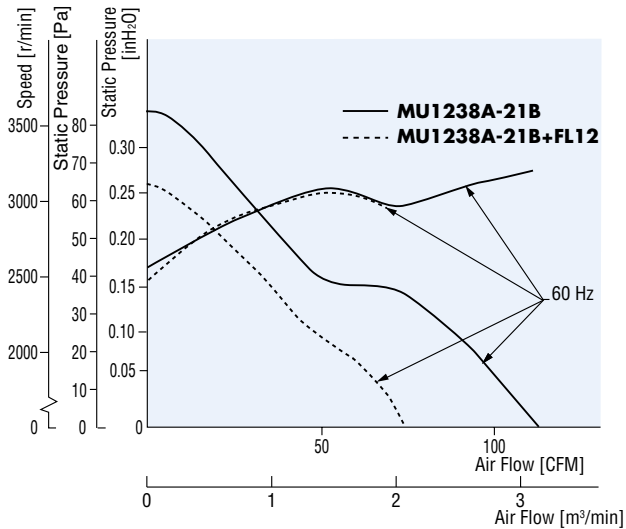


Installing the filter

1. Fasten the guard to the fan.
(Use flat head screws.)
2. Insert the filtering material and attach the retainer to the guard.

These filters are detachable and washable.

Example of Air Flow–Static Pressure Characteristics when Using Filters



Note:

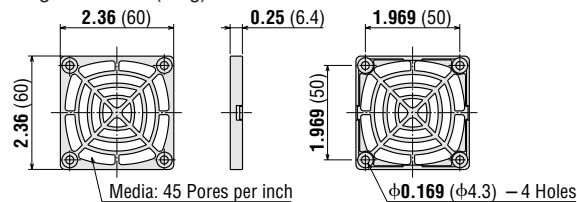
When using a filter, screen or finger guard, the Air Flow–Static Pressure Characteristics will be affected, depending on the fan filter/screen/finger guard combination.

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

Filters for Axial Flow Fans

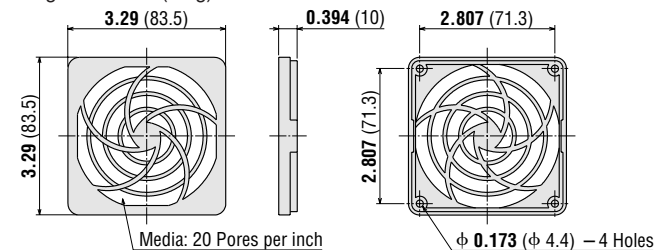
● FL6 for MD625

Weight: 0.39 oz. (11 g)



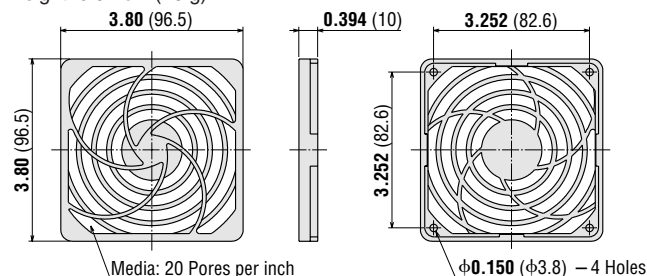
● FL8 for MD825, MU825

Weight: 0.67 oz. (19 g)



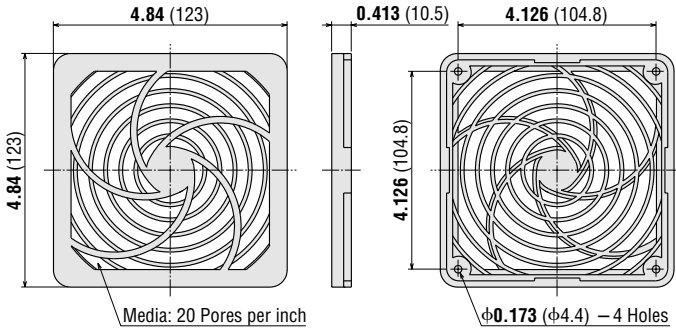
● FL9 for MD925, MU925

Weight: 0.92 oz. (26 g)



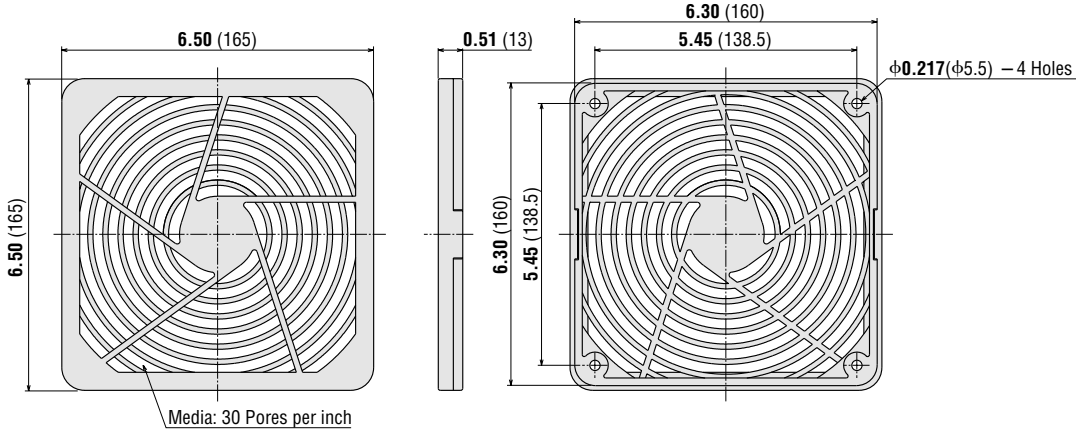
● **FL12** for **MDE1225, MDS1225, MU1225, MU1238**

Weight: 1.6 oz. (46 g)



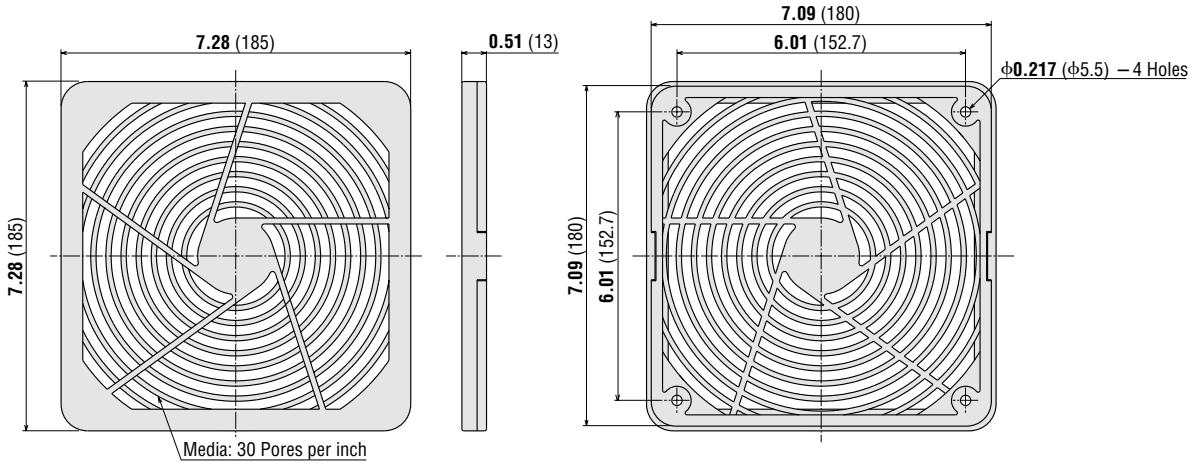
● **FL16** for **MRS16**

Weight: 4.4 oz. (126 g)



● **FL18** for **MRS18**

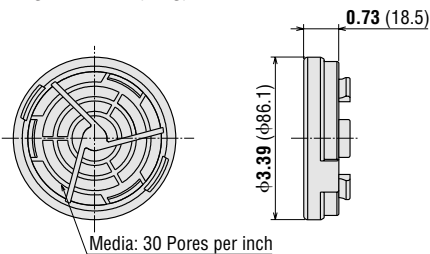
Weight: 5.8 oz. (165 g)



● **Filters for Centrifugal Blowers**

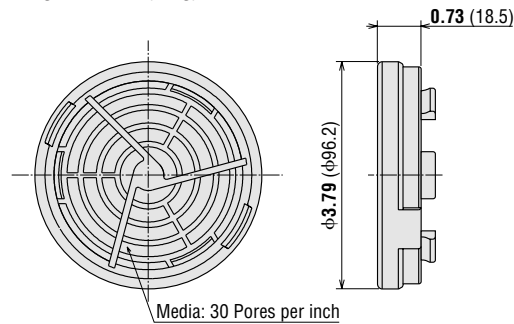
● **FLB8** for **MB840, MBD8**

Weight: 1.4 oz. (41 g)



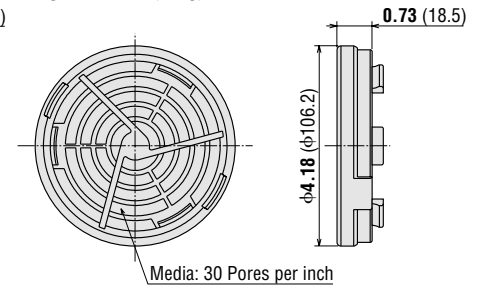
● **FLB10** for **MB1040, MBD10**

Weight: 1.7 oz. (47 g)



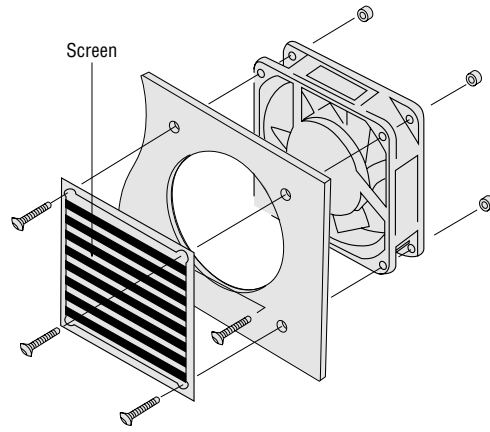
● **FLB12** for **MB1255, MBD12**

Weight: 1.8 oz. (52 g)

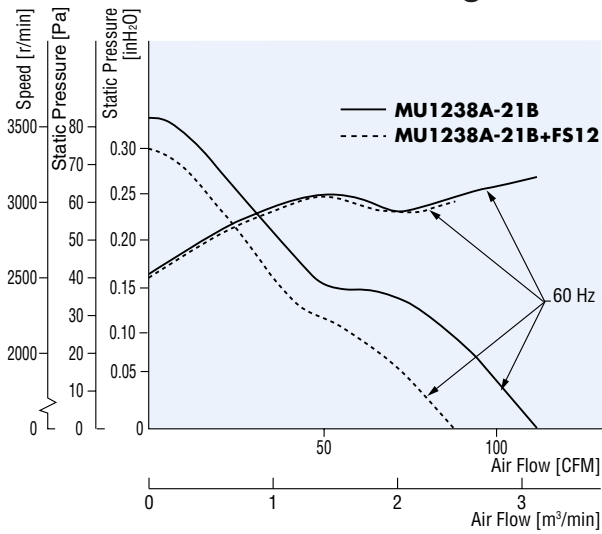


Screens

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:

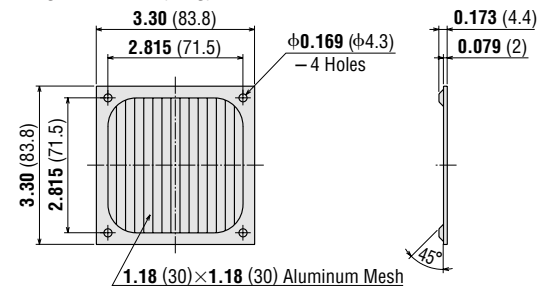
When using a filter, screen or finger guard, the Air Flow–Static Pressure Characteristics will be affected, depending on the fan filter/screen/finger guard combination.

Dimensions

Scale 1/4, Unit = inch (mm)

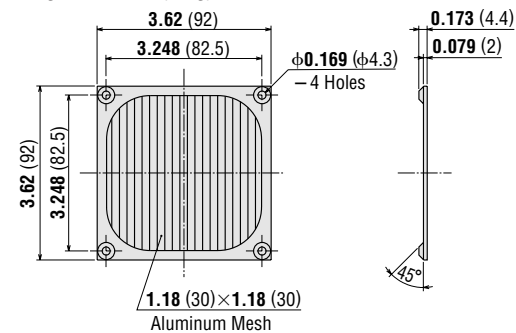
FS8 for MD825, MU825

Weight: 0.39 oz. (11 g)



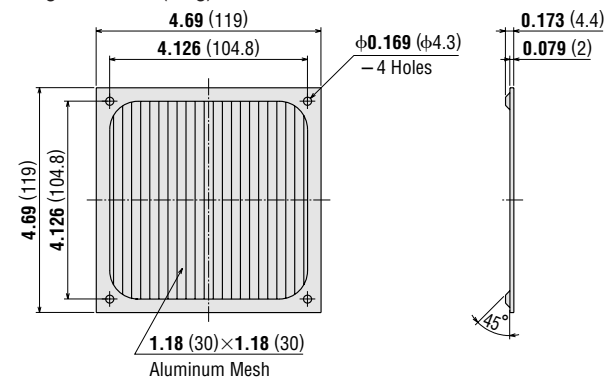
FS9 for MD925, MU925

Weight: 0.42 oz. (12 g)



FS12 for MDE1225, MDS1225, MD1225, MU1225, MU1238

Weight: 0.63 oz. (18 g)



Introduction

MRS

Variable
Flow

AC Input

DC Input

MU

Long Life
MDE

MDS · MD

MB

MBD

MAF

MFD

Thermostats

Accessories

Before Using
a Fan

Axial Flow Fans

Centrifugal Blowers

Cross Flow Fans

AC Input

DC Input

AC Input

DC Input

AC Input

DC Input

AC Input

DC Input

AC Input

DC Input

AC Input

DC Input

AC Input

DC Input

AC Input

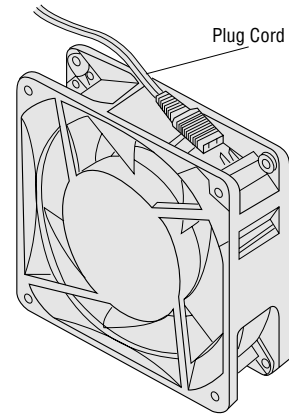
DC Input

AC Input

DC Input

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**.



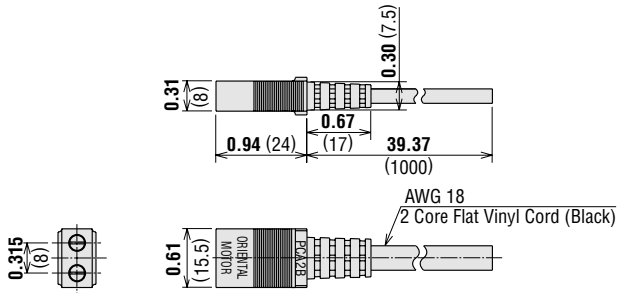
Dimensions Scale 1/2, Unit = inch (mm)

● PCA2B for MU Series 3.3 feet (1 m)

UL Recognized: UL File No.E58377(SP)

CSA Certified: CSA File No.LR64028

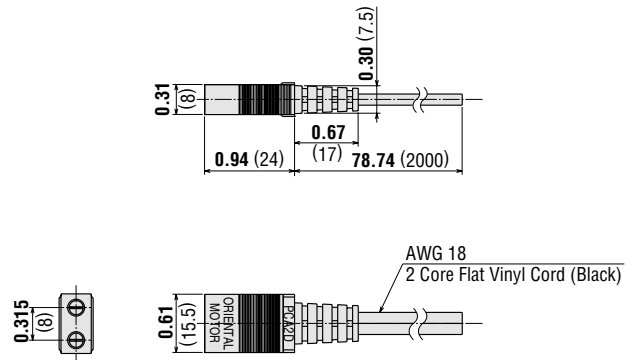
Electrical Appliance and Material Safety Law: Our products have passed the conformance tests administered by the Japan Electrical Safety and Environment Technology Laboratories (JET), which assess the performance of specific electrical appliances and materials.



● PCA2D2 for MU Series 6.6 feet (2 m)

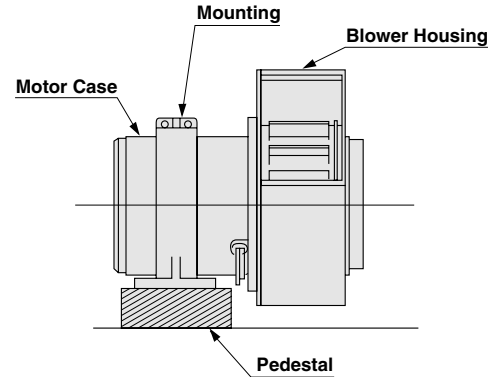
UL Recognized: UL File No.E58377(SP)

CSA Certified: CSA File No.LR64028



Mounting Brackets for Centrifugal Blowers

Material: **PAS2B, PAS4B:** Steel
PAS6A, PAS5A: Aluminum alloy
 Color: Dark Gray



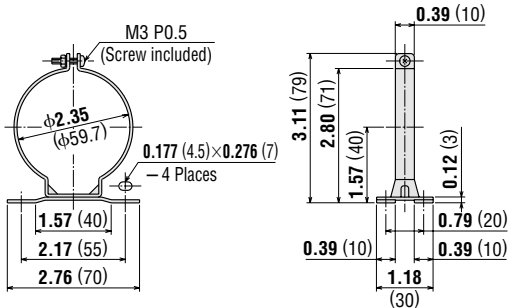
A pedestal must be used when mounting the blower so that the blower housing does not touch the surface to which the blower is mounted.

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

● PAS2B for MB520, MB630

Weight: 1.8 oz. (52 g)

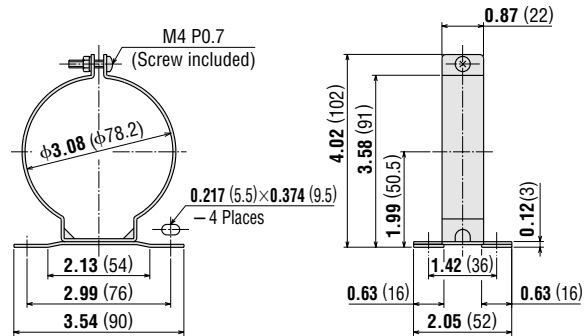
DXF E088



● PAS4B for MB840, MB1040, MBD8, MBD10, MBD12

Weight: 4.4 oz. (125 g)

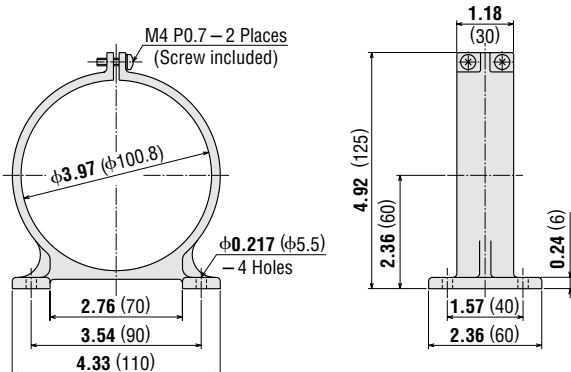
DXF E089



● PAS6A for MB1255

Weight: 6.2 oz. (177 g)

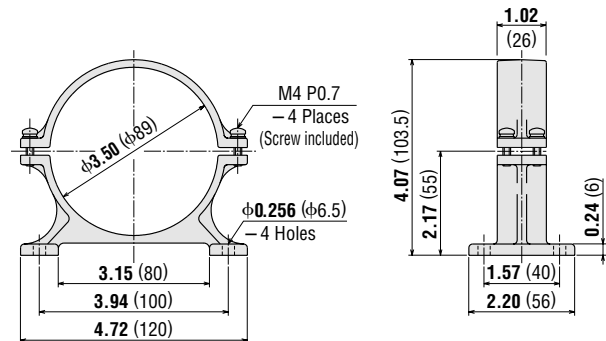
DXF E090



● PAS5A for MB1665

Weight: 5.5 oz. (156 g)

DXF E091



Introduction

MRS

Variable
Flow

MU

Long Life
MDE

MDS - MD

MB

MBD

MF

MFD

Thermostats

Accessories

Before Using
a Fan

Axial Flow Fans

DC Input

AC Input

DC Input

AC Input

DC Input

AC Input

DC Input

DC Input

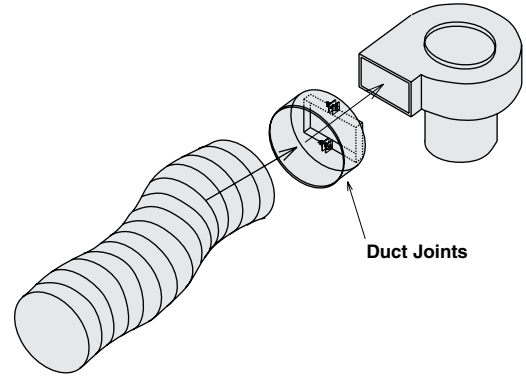
DC Input

Duct Joints

Duct joints are used to connect the centrifugal blower outlet with the duct.

Material: Steel

Color: Dark Gray

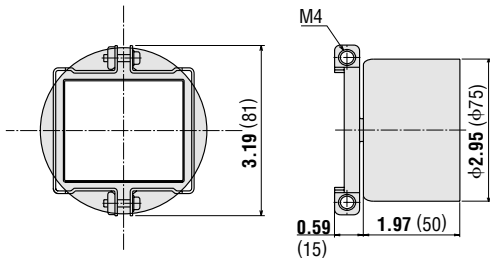


Dimensions Scale 1/4, Unit = inch (mm)

● FD8 for MB840, MBD8

Weight: 6.1 oz. (173 g)

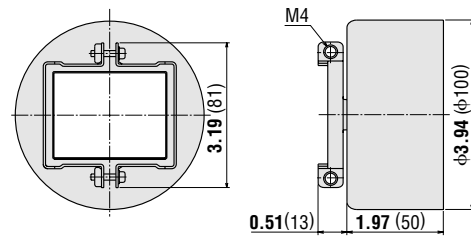
DXF E092



● FD10 for MB1040, MBD10

Weight: 8.6 oz. (244 g)

DXF E093



● FD12 for MB1255, MBD12

Weight: 11.7 oz. (331 g)

DXF E094

