

## DC Cross Flow Fans MFD Series

# Impeller Length 300 mm (11.81 in.)



Ambient Temperature:  $-10\sim+60^{\circ}\text{C}$  ( $+14\sim+140^{\circ}\text{F}$ )  
 Operating Voltage Range:  $\pm 10\%$   
 Materials  
 Motor Case: Die Cast Aluminum  
 Casing: Steel  
 Impeller: Aluminum  
 Overheat Protection: Built-in Overheat Protection  
 Circuit  
 Bearings: Ball Bearings

### Specifications RoHS

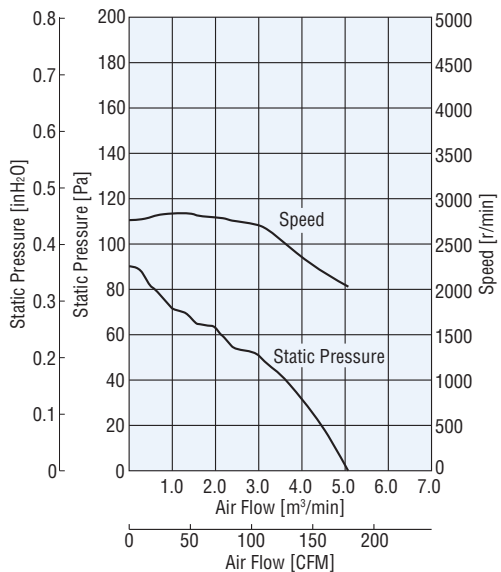
Model	Voltage VDC	Current A	Speed r/min	Max. Air Flow		Max. Static Pressure		Noise Level dB (A)
				m <sup>3</sup> /min	CFM	Pa	inH <sub>2</sub> O	
Low-Speed Alarm, Contact Alarm Type (Alarm specifications: ㉚)	24	1.0	2100	5.2	184	83	0.333	60
Pulse Sensor Type (Alarm specifications: ㉛)	48	0.7	2100	5.2	184	83	0.333	60
Standard Type	24	1.0	2100	5.2	184	83	0.333	60
	48	0.7	2100	5.2	184	83	0.333	60

● How to read specifications → Page E-19 ● Alarm specifications ㉚, ㉛ → Page E-21 ● Details of RoHS Directive → Page G-38

The following items are included in each product.  
 Fan, Operating Manual

### Air Flow – Static Pressure Characteristics

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

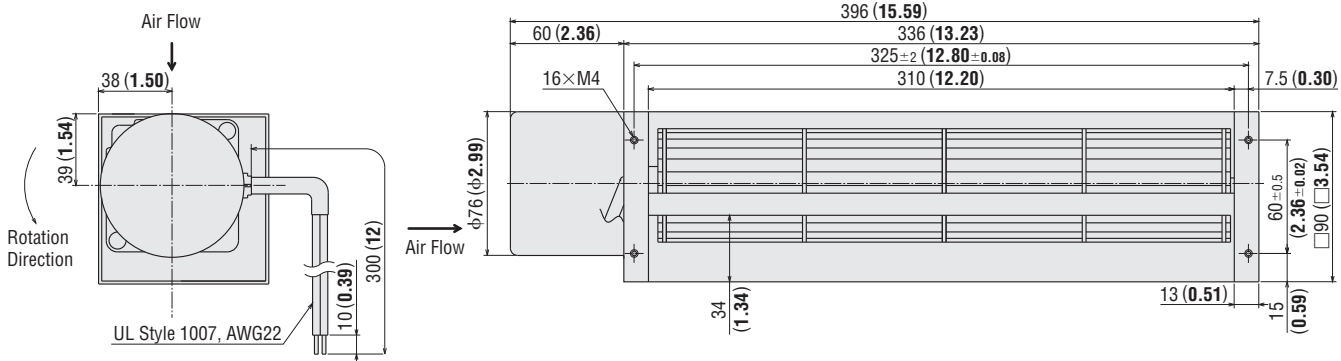


## Dimensions Unit = mm (in.)

### MFD930

Mass: 1.6 kg (3.5 lb.)

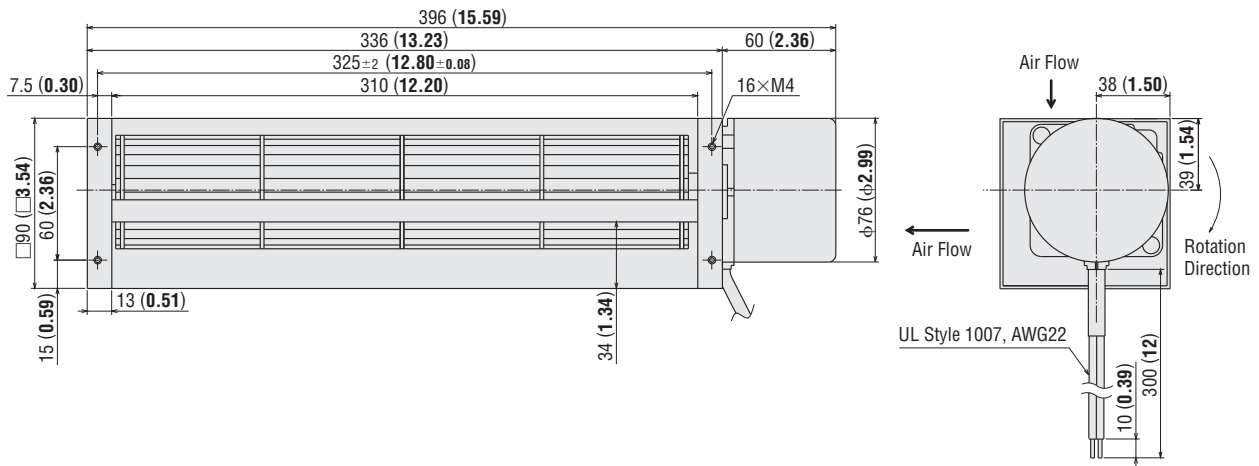
DXF E038



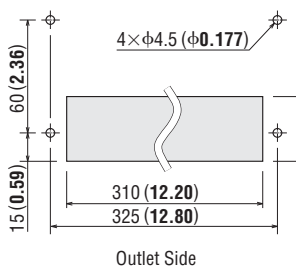
### MFD930B

Mass: 1.6 kg (3.5 lb.)

DXF E039



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



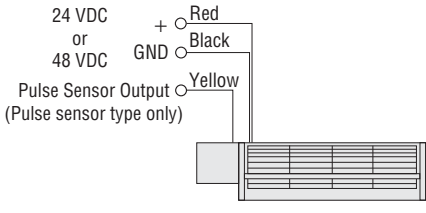
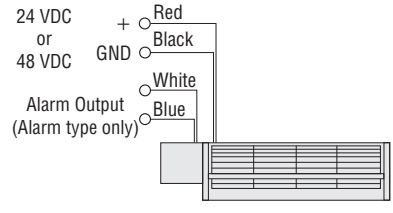
## Accessories

The following product is RoHS-Compliant.

Details → Page E-137

Product	Model	Safety Standards	Page
Finger Guard	<b>FG930D</b>	Conformed component	E-145

## Connection Diagrams



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- Cooling Module
  - FM
  - AC Input MRS
  - AC Input Variable Flow MRS
  - AC Input MU
  - DC Input Long-Life MDE
  - DC Input MDS/MD
- Axial Flow Fans
  - AC Input MB
  - DC Input MBD
- Centrifugal Blowers
  - AC Input MF
  - DC Input MFD
- Cross Flow Fans
  - Thermostats
  - Accessories
  - Installation

## DC Cross Flow Fans MFD Series

# Impeller Length 150 mm (5.91 in.)



Ambient Temperature:  $-10\sim+60^{\circ}\text{C}$  ( $+14\sim+140^{\circ}\text{F}$ )  
 Operating Voltage Range:  $\pm 10\%$   
 Materials  
 Motor Case: Die Cast Aluminum  
 Casing: Steel  
 Impeller: Aluminum  
 Overheat Protection: Built-in Overheat Protection  
 Circuit  
 Bearings: Ball Bearings

### Specifications RoHS

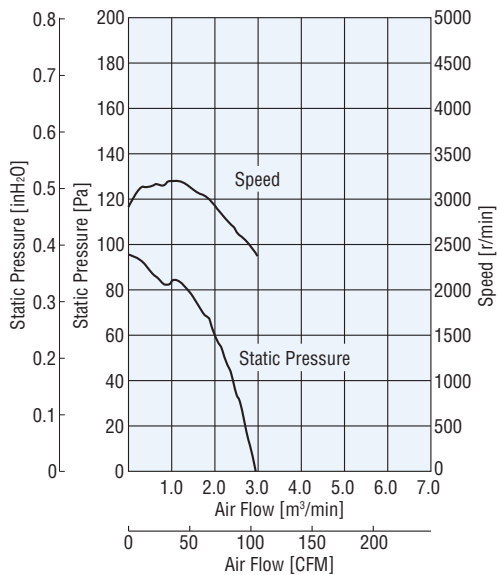
Model	Voltage VDC	Current A	Speed r/min	Max. Air Flow		Max. Static Pressure		Noise Level dB (A)
				m <sup>3</sup> /min	CFM	Pa	inH <sub>2</sub> O	
Low-Speed Alarm, Contact Alarm Type (Alarm specifications: ㉚)	24	1.0	2500	3.0	106	98	0.393	60
Pulse Sensor Type (Alarm specifications: ㉛)	48	0.7	2500	3.0	106	98	0.393	60
Standard Type	24	1.0	2500	3.0	106	98	0.393	60
	48	0.7	2500	3.0	106	98	0.393	60

● How to read specifications → Page E-19 ● Alarm specifications ㉚, ㉛ → Page E-21 ● Details of RoHS Directive → Page G-38

The following items are included in each product.  
 Fan, Operating Manual

### Air Flow – Static Pressure Characteristics

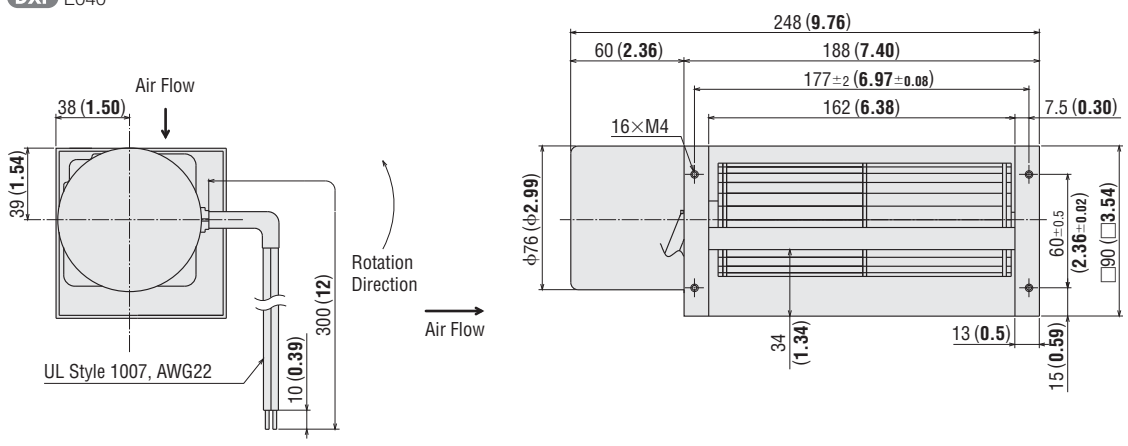
● How to read air flow – static pressure characteristics → Page E-20



**Dimensions** Unit = mm (in.)

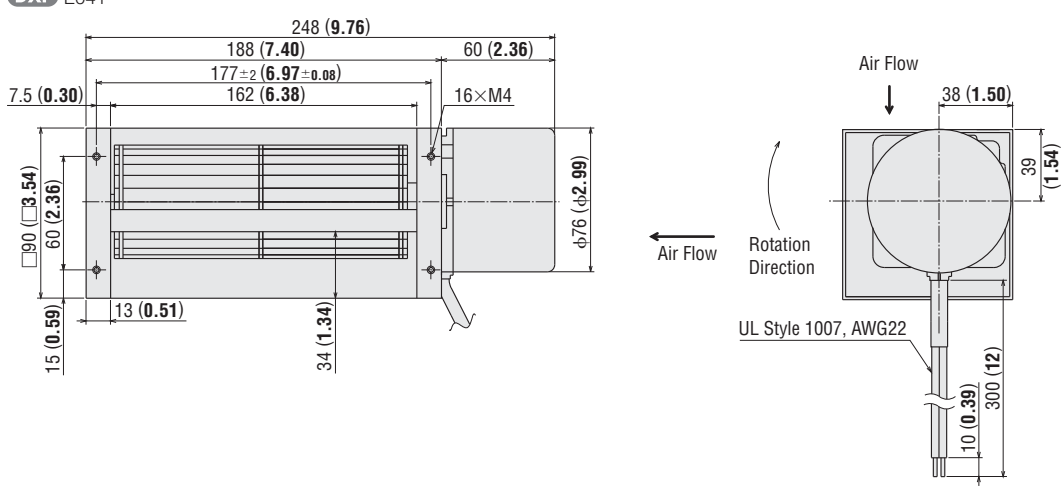
**MFD915**

Mass: 1.4 kg (3.1 lb.)  
**DXF** E040

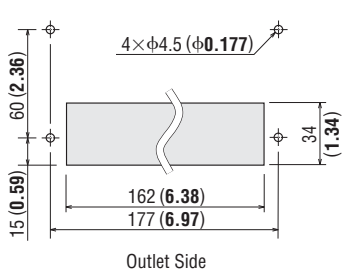


**MFD915B**

Mass: 1.4 kg (3.1 lb.)  
**DXF** E041



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

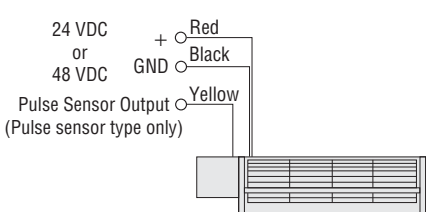
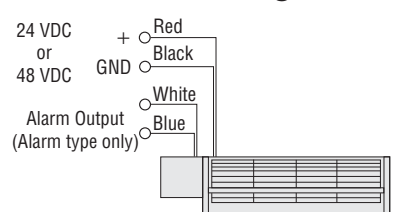


**Accessories**

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

Product	Model	Safety Standards	Page
Finger Guard	<b>FG915D</b>	Conformed component	E-145

**Connection Diagrams**



Introduction

Cooling Module

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

