

Cooling Fans

Cross Flow Fans

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

AC Input
MF Series

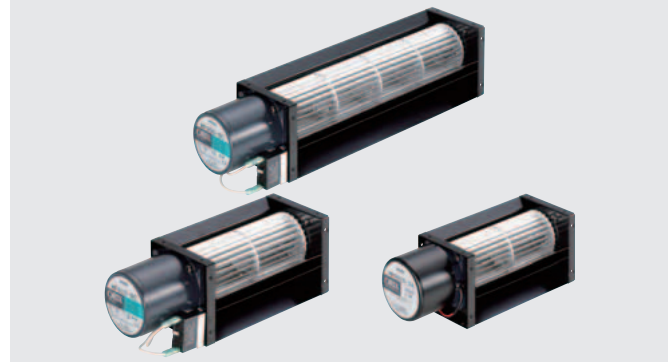
DC Input
MFD Series

Cross Flow Fans

For details on this product please refer to our website, contact technical support or your nearest Oriental Motor sales office.
www.orientalmotor.com

Cross flow fans are used for cooling circuit boards or other applications requiring wide and uniform air flow such as air curtains.

RoHS





Features

Cross flow fans deliver wide, uniform air flow.

These fans provide right-angle air flow and a rectangular shape, allowing for installation in corners and space saving.

Types of Cross Flow Fans

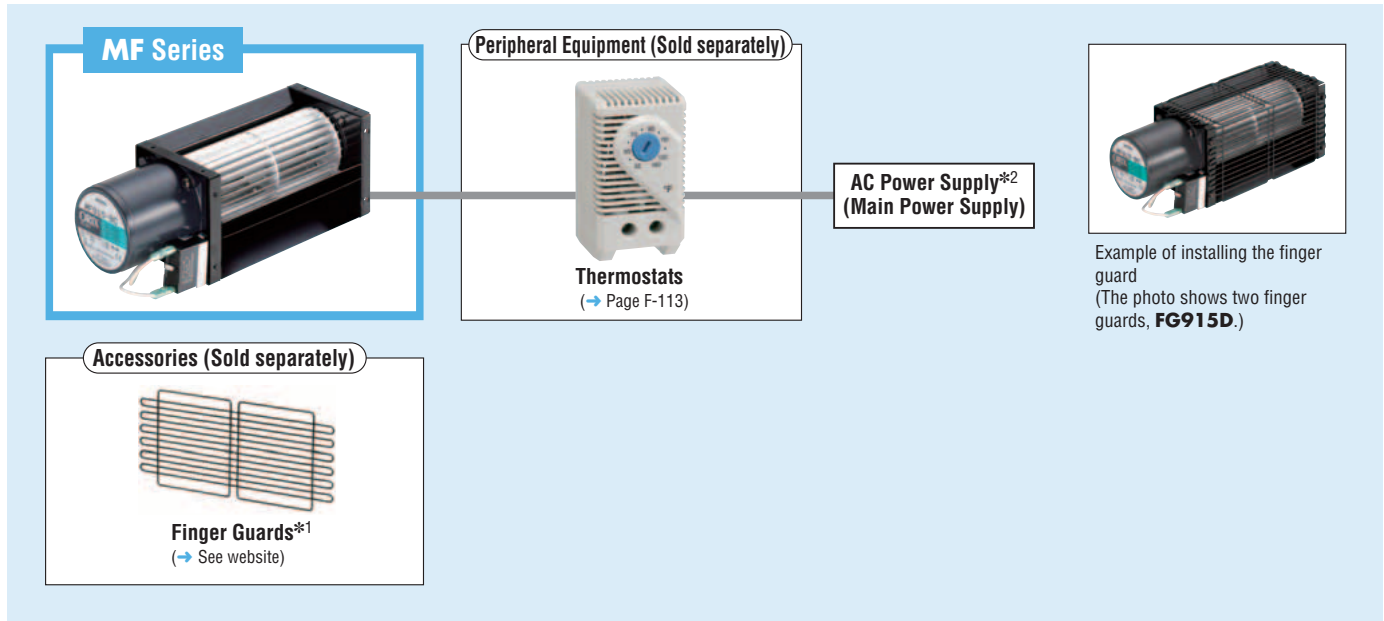
●: Standard Type ■: Alarm Type ◆: Pulse Sensor Type

Series	Features	Power Supply Voltage	Impeller Length [mm (in.)]	
			300 (11.81)	150 (5.91)
AC Cross Flow Fans MF Series 	<ul style="list-style-type: none"> ● AC input cross flow fans ● The MF Series is recognized by UL/CSA Standards. CE Marking is used in accordance with the Low Voltage Directive. (Certification status differs according to the product.) ● RoHS-Compliant ● The MF Series conforms to the RoHS Directive. 	Single-Phase 100/110/115 VAC	●	●
		Single-Phase 200/220/230 VAC	●	●
DC Cross Flow Fans MFD Series 	<ul style="list-style-type: none"> ● DC input cross flow fans ● RoHS-Compliant ● The MFD Series conforms to the RoHS Directive. 	24 VDC	●■	●■
		48 VDC	●◆	●◆

● Details of safety standards → Page H-2 ● For detailed product safety standard information including standards, file number and certification body, please visit www.orientalmotor.com.

System Configuration

An example of a system configuration with the **MF** Series.



● Example of System Configuration

Fan	Sold Separately	
	MF915-BC	Thermostat AM1-WA1

● The system configuration shown above is an example. Other combinations are available.

*1 For accessory details on these products please either refer to our website, contact technical support or your nearest Oriental Motor sales office. www.orientalmotor.com

*2 Not supplied

Product Number Code

● AC Cross Flow Fans

MF 9 30 B - B C

① ② ③ ④ ⑤ ⑥

①	Series	MF: MF Series
②	Frame Size	9: 90 mm (3.54 in.)
③	Impeller Length	30: 300 mm (11.81 in.) 15: 150 mm (5.91 in.)
④	Letter Designation	Blank: Motor is on left when viewing the mounting holes B: Motor is on right when viewing the mounting holes
⑤	Power Supply Voltage	B: Single-Phase 100/110/115 VAC D: Single-Phase 200/220/230 VAC
⑥		C: Built-in Capacitor

● DC Cross Flow Fans

MFD 9 30 B - 24 A

① ② ③ ④ ⑤ ⑥

①	Series	MFD: MFD Series
②	Frame Size	9: 90 mm (3.54 in.)
③	Impeller Length	30: 300 mm (11.81 in.) 15: 150 mm (5.91 in.)
④	Letter Designation	Blank: Motor is on left when viewing the mounting holes B: Motor is on right when viewing the mounting holes
⑤	Power Supply Voltage	24: 24 VDC 48: 48 VDC
⑥	Additional Functions	A: Low-Speed Alarm, Contact Alarm Type S: Pulse Sensor Type

AC Cross Flow Fans MF Series



Product Line

Impeller Length	Power Supply Voltage	Model	
300 mm (11.81 in.)	Single-Phase 100/110/115 VAC	MF930-BC	MF930B-BC
	Single-Phase 200/220/230 VAC	MF930-DC	MF930B-DC
150 mm (5.91 in.)	Single-Phase 100/110/115 VAC	MF915-BC	MF915B-BC
	Single-Phase 200/220/230 VAC	MF915-DC	MF915B-DC

For details (specifications, characteristics, dimensions and others) on these products please refer either to our website, contact technical support or your nearest Oriental Motor sales office.
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DC Cross Flow Fans MFD Series



Product Line

Impeller Length	Function	Power Supply Voltage	Model	
300 mm (11.81 in.)	Low-Speed Alarm, Contact Alarm Type	24 VDC	MFD930-24A	MFD930B-24A
	Pulse Sensor Type	48 VDC	MFD930-48S	MFD930B-48S
	Standard Type	24 VDC	MFD930-24	MFD930B-24
		48 VDC	MFD930-48	MFD930B-48
150 mm (5.91 in.)	Low-Speed Alarm, Contact Alarm Type	24 VDC	MFD915-24A	MFD915B-24A
	Pulse Sensor Type	48 VDC	MFD915-48S	MFD915B-48S
	Standard Type	24 VDC	MFD915-24	MFD915B-24
		48 VDC	MFD915-48	MFD915B-48

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