

Cooling Fans

Cross Flow Fans

Overview,
Product
Series

Axial
Flow
Fans

AC Input
Low-Power
Consumption
EMU

AC Input
Compact Size
MU

AC Input
Large Size,
Large Air Flow
MRS

AC Input
Long-Life
MRE

DC Input
MDS
MD

DC Input
Alarm
MDA

DC Input
Variable Flow
MDV

DC Input
Long-Life
MDE

DC Input
Splash Proof
MDP

Centrifugal
Blowers

AC Input
MB
DC Input
MBD

Cross Flow Fans

AC Input
MF
DC Input
MFD

AC Input MF Series
DC Input MFD Series

Enclosure Fan
Modules

Thermostat

Accessories

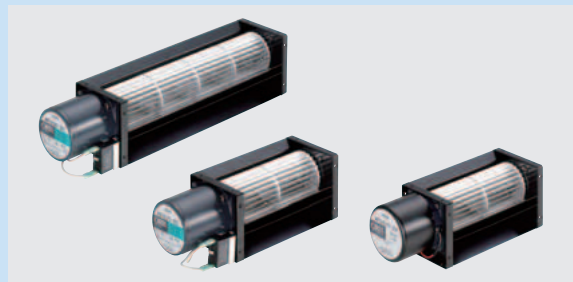
Installation

Cross Flow Fans

For details on this product please refer to our website.
www.orientalmotor.com/catalog



● For detailed information about regulations and standards, please see the Oriental Motor website.



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





View Expanded Product Information, Specifications, CAD, Accessories & more online. Visit www.orientalmotor.com/catalog or use the QR code and select "MF Series" or "MFD Series".

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.

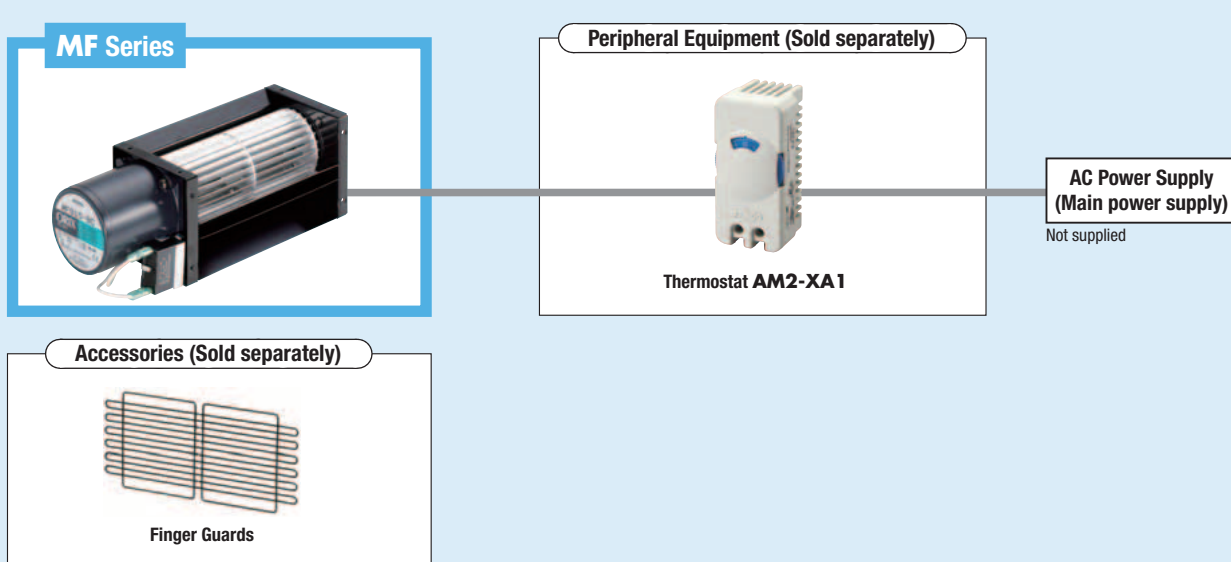
Types of Cross Flow Fans

●: Standard Type ■: Alarm Type

Series	Features	Power Supply Voltage	Impeller Length [mm (in.)]	
			300 (11.81)	150 (5.91)
AC Cross Flow Fans MF Series 	● 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.)	Single-Phase 110/115 VAC	●	●
		Single-Phase 220/230 VAC	●	●
DC Cross Flow Fans MFD Series 	● DC input cross flow fans	24 VDC	●■	●■
		48 VDC	●	●

● Details of regulations and standards → Page I-2 ● For detailed information about regulations and standards, please see the Oriental Motor website.

System Configuration



Product Number

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 110/115 VAC D: Single-Phase 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

Product line

MF Series

Impeller Length	Power Supply Voltage VAC	Product Name	List Price
150 mm (5.91 in.)	Single-Phase 110/115	MF915-BC	\$110.00
		MF915B-BC	
	Single-Phase 220/230	MF915-DC	\$123.00
		MF915B-DC	
300 mm (11.81 in.)	Single-Phase 110/115	MF930-BC	\$123.00
		MF930B-BC	
	Single-Phase 220/230	MF930-DC	\$128.00
		MF930B-DC	

MFD Series

◇ No Additional Function

Impeller Length	Power Supply Voltage VDC	Product Name	List Price
150 mm (5.91 in.)	24	MFD915-24	\$123.00
		MFD915B-24	
	48	MFD915-48	\$128.00
		MFD915B-48	
300 mm (11.81 in.)	24	MFD930-24	\$137.00
		MFD930B-24	
	48	MFD930-48	\$142.00
		MFD930B-48	

◇ Low-Speed Alarm Type

Impeller Diameter	Power Supply Voltage VDC	Product Name	List Price
150 mm (5.91 in.)	24	MFD915-24A	\$176.00
		MFD915B-24A	
300 mm (11.81 in.)	24	MFD930-24A	\$190.00
		MFD930B-24A	

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

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