

DC Input/Variable Flow MDV Series

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.



These are DC axial flow fans that easily allow for changes in fan speed. They employ a PWM control method by which speed is changed with a PWM control circuit (not supplied).



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

Features

Fan Speed can be Adjusted via PWM Control

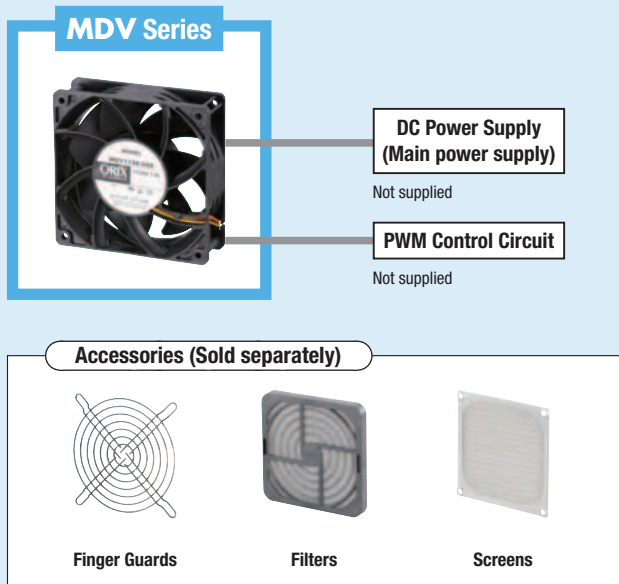
The speed changes according to the duty ratio of the input pulse signals. This allows the air flow and static pressure to be adjusted, resulting in a reduction in noise and power consumption.

Speed is Output as Pulse Signals

Pulse signals are output while the fan rotates. The fan's operating status can be monitored by reading pulse signals with an external detection circuit*.

*Not supplied

System Configuration



Product Number

MDV 12 38 - 24 S

① ② ③ ④ ⑤

①	Series	MDV: MDV Series
②	Frame Size	6: 60 mm (2.36 in.), 8: 80 mm (3.15 in.) 9: 92 mm (3.62 in.), 12: 120 mm (4.72 in.)
③	Frame Thickness	25: 25 mm (0.98 in.) or 25.2 mm (0.99 in.), 38: 38 mm (1.50 in.)
④	Power Supply Voltage	24: 24 VDC
⑤	Additional Function	S: Pulse Sensor Type

Overview,
Product
SeriesAxial
Flow
FansAC Input
Low-Power
Consumption
EMUAC Input
Compact Size
MUAC Input
Large Size,
Large Air Flow
MRSAC Input
Long-Life
MREDC Input
MDS
MDDC Input
Alarm
MDADC Input
Variable Flow
MDVDC Input
Long-Life
MDEDC Input
Splash Proof
MDPCentrifugal
BlowersAC Input
MB
DC Input
MBD

Cross Flow Fans

AC Input
MF
DC Input
MFDEnclosure Fan
Modules

Thermostat

Accessories

Installation

Product Line

Size	Power Supply Voltage VDC	Product Name	List Price
<input type="checkbox"/> 60 mm - 25 mm Thick (<input type="checkbox"/> 2.36 in. - 0.98 in. Thick)	24	MDV625-24S	\$57.00
<input type="checkbox"/> 80 mm - 25.2 mm Thick (<input type="checkbox"/> 3.15 in. - 0.99 in. Thick)		MDV825-24S	\$65.00
<input type="checkbox"/> 92 mm - 25.2 mm Thick (<input type="checkbox"/> 3.62 in. - 0.99 in. Thick)		MDV925-24S	\$65.00
<input type="checkbox"/> 120 mm - 38 mm Thick (<input type="checkbox"/> 4.72 in. - 1.50 in. Thick)		MDV1238-24S	\$108.00



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.

www.orientalmotor.com/catalog