

# DC Input/Long-Life MDE Series

[cULus Ⓢ CE (Only for **MDE1225**), eULus CE (Only for **MDE1451**)]

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



The **MDE** Series long-life axial flow fans utilize a brushless motor and have an expected life of 100,000 hours. A stall alarm comes standard.

These fans are available from □60 mm (□2.36 in.) to φ172 mm (φ6.77 in.) in frame sizes.



See Full Product Details Online  
[www.orientalmotor.com](http://www.orientalmotor.com)

- Manual
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- Dimensions
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- Characteristics
- Connection and Operation

## Features

### Long-Life

By using long life fans with an expected life of 100,000 hours (approximately 11 years), the maintenance interval can be extended, and the number of times the cooling fans are replaced can also be reduced. In addition to reducing running costs, this also reduces scrapped parts, which can contribute to both financial and environmental gains.

### Wide Variety of Products

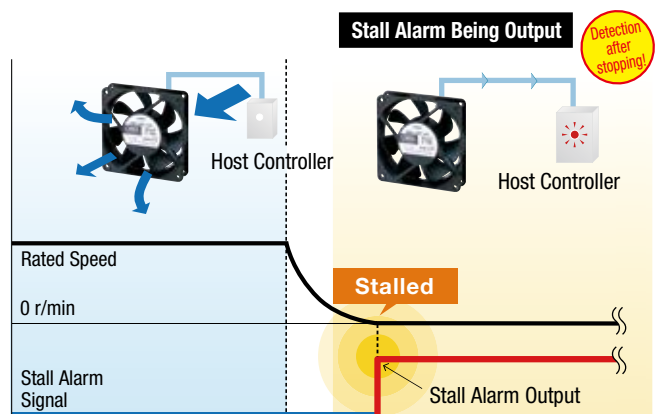
	<b>MDE625</b>	<b>MDE825</b>	<b>MDE925</b>	<b>MDE1225</b>	<b>MDE1238</b>	<b>MDE1451</b>	<b>MDE1751*</b>
Frame Size	□60 mm-25 mm Thick (□2.36 in.-0.98 in. Thick)	□80 mm-25 mm Thick (□3.15 in.-0.98 in. Thick)	□92 mm-25 mm Thick (□3.62 in.-0.98 in. Thick)	□119 mm-25.4 mm Thick (□4.69 in.-1.00 in. Thick)	□119 mm-38 mm Thick (□4.69 in.-1.50 in. Thick)	□140 mm-51 mm Thick (□5.51 in.-2.01 in. Thick)	φ172 mm-51 mm Thick (φ6.77 in.-2.01 in. Thick)
Alarm Type	Stall Alarm	Stall Alarm	Stall Alarm	Stall Alarm	Stall Alarm	Stall Alarm	Stall Alarm
Power 12 VDC				●			
Supply 24 VDC	●	●	●	●	●	●	●
Voltage 48 VDC						●	

\*Side-cut type is also available.

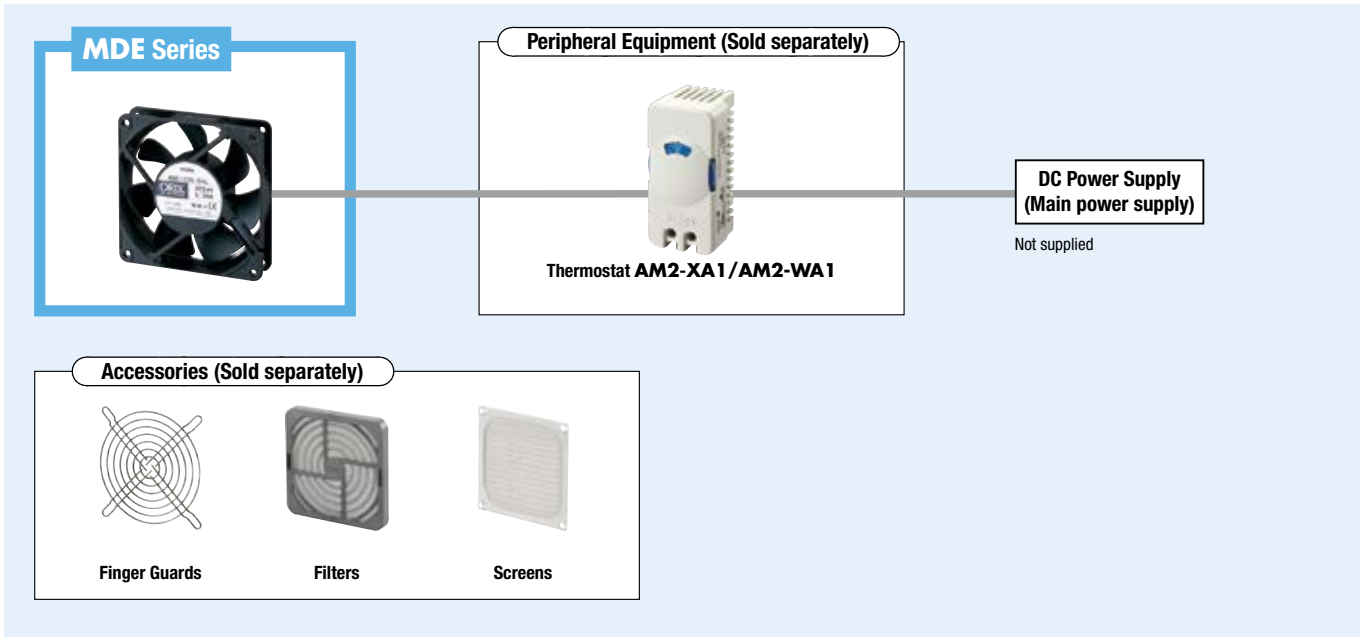
### Fans with Stall Alarm

Outputs an alarm when the cooling fan stops.

Quickly detects defective stops to allow the cooling fan to be replaced.



## System Configuration



## Product Number

● Fan Only

# MDE 17 51 F - 24 L

① ② ③ ④ ⑤ ⑥

①	Series	<b>MDE: MDE Series</b>
②	Frame Size	<b>6:</b> 60 mm (2.36 in.), <b>8:</b> 80 mm (3.15 in.), <b>9:</b> 92 mm (3.62 in.), <b>12:</b> 119 mm (4.69 in.), <b>14:</b> 140 mm (5.51 in.), <b>17:</b> $\phi$ 172 mm ( $\phi$ 6.77 in.)
③	Frame Thickness	<b>25:</b> 25 mm (0.98 in.) or 25.4 mm (1.00 in.), <b>38:</b> 38 mm (1.50 in.), <b>51:</b> 51 mm (2.01 in.)
④	Frame Shape	<b>F:</b> Side-cut
⑤	Power Supply Voltage	<b>12:</b> 12 VDC, <b>24:</b> 24 VDC, <b>48:</b> 48 VDC
⑥	Additional Function	<b>L:</b> Stall Alarm, Electronic Alarm Type

● Fan Kit

# T - MDE1751F-24L G

① ② ③

①	Fan Kit Order Code	
②	Fan Product Name	
③		<b>-G, G:</b> With finger guard and installation screws

## Product Line

Size	Power Supply Voltage VDC	Fan Only		Fan Kit	
		Product Name	List Price	Product Name	List Price
<input type="checkbox"/> 60 mm - 25 mm Thick ( <input type="checkbox"/> 2.36 in. - 0.98 in. Thick)	24	<b>MDE625-24L</b>	\$98.00	<b>T-MDE625-24L-G</b>	\$103.00
<input type="checkbox"/> 80 mm - 25 mm Thick ( <input type="checkbox"/> 3.15 in. - 0.98 in. Thick)	24	<b>MDE825-24L</b>	\$98.00	<b>T-MDE825-24L-G</b>	\$103.00
<input type="checkbox"/> 92 mm - 25 mm Thick ( <input type="checkbox"/> 3.62 in. - 0.98 in. Thick)	24	<b>MDE925-24L</b>	\$98.00	<b>T-MDE925-24L-G</b>	\$105.00
<input type="checkbox"/> 119 mm - 25.4 mm Thick ( <input type="checkbox"/> 4.69 in. - 1.00 in. Thick)	12	<b>MDE1225-12L</b>	\$64.00	<b>T-MDE1225-12L-G</b>	\$70.00
	24	<b>MDE1225-24L</b>	\$64.00	<b>T-MDE1225-24L-G</b>	\$70.00
<input type="checkbox"/> 119 mm - 38 mm Thick ( <input type="checkbox"/> 4.69 in. - 1.50 in. Thick)	24	<b>MDE1238-24L</b>	\$155.00	<b>T-MDE1238-24L-G</b>	\$161.00
<input type="checkbox"/> 140 mm - 51 mm Thick ( <input type="checkbox"/> 5.51 in. - 2.01 in. Thick)	24	<b>MDE1451-24L2</b>	\$80.00	<b>T-MDE1451-24L2G</b>	\$87.00
	48	<b>MDE1451-48L2</b>	\$80.00	<b>T-MDE1451-48L2G</b>	\$87.00
$\phi$ 172 mm - 51 mm Thick ( $\phi$ 6.77 in. - 2.01 in. Thick)	24	<b>MDE1751-24L</b>	\$180.00	<b>T-MDE1751-24L-G</b>	\$194.00
	24	<b>MDE1751F-24L</b>	\$180.00	<b>T-MDE1751F-24LG</b>	\$201.00

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

[www.orientalmotor.com](http://www.orientalmotor.com)