



ORIENTAL MOTOR U.S.A. Corp.
570 Alaska Avenue
Torrance, CA 90503
1-800-GO-VEXTA (468-3982)

Item # MB1665-B, 6.30 in. (160 mm) MB Series Centrifugal Fan / Blower (Single-Phase 100/110/115 VAC)



Centrifugal fans / blowers maximize static pressure to provide concentrated airflow in one defined direction. These blowers can be used in a fixed position or mounted on moving parts, and are optimal for local cooling and airflow through ducts.



Web Price —

\$418.00

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Specifications	
Lead Time ¹	Up to 10 pcs as of 6:30am EST Estimated Ship: 01/03/2026
Fan Type	Centrifugal Fan / Blower
Impeller Diameter	6.30 in.
Power Supply	Single-Phase 100/110/115 VAC
Current (A)	2.6 [100 VAC, 50 Hz] 3.7 [100/110/115 VAC, 60 Hz]
Speed (r/min)	2750 [100 VAC, 50 Hz] 3100 [100 VAC, 60 Hz] 3200 [110/115 VAC, 60 Hz]
Max. Air Flow	282 CFM [100 VAC, 50 Hz] 318 CFM [100/110/115 VAC, 60 Hz]
Max. Static Pressure	1.96 inH ₂ O [100 VAC, 50 Hz] 2.75 inH ₂ O [100/110/115 VAC, 60 Hz]

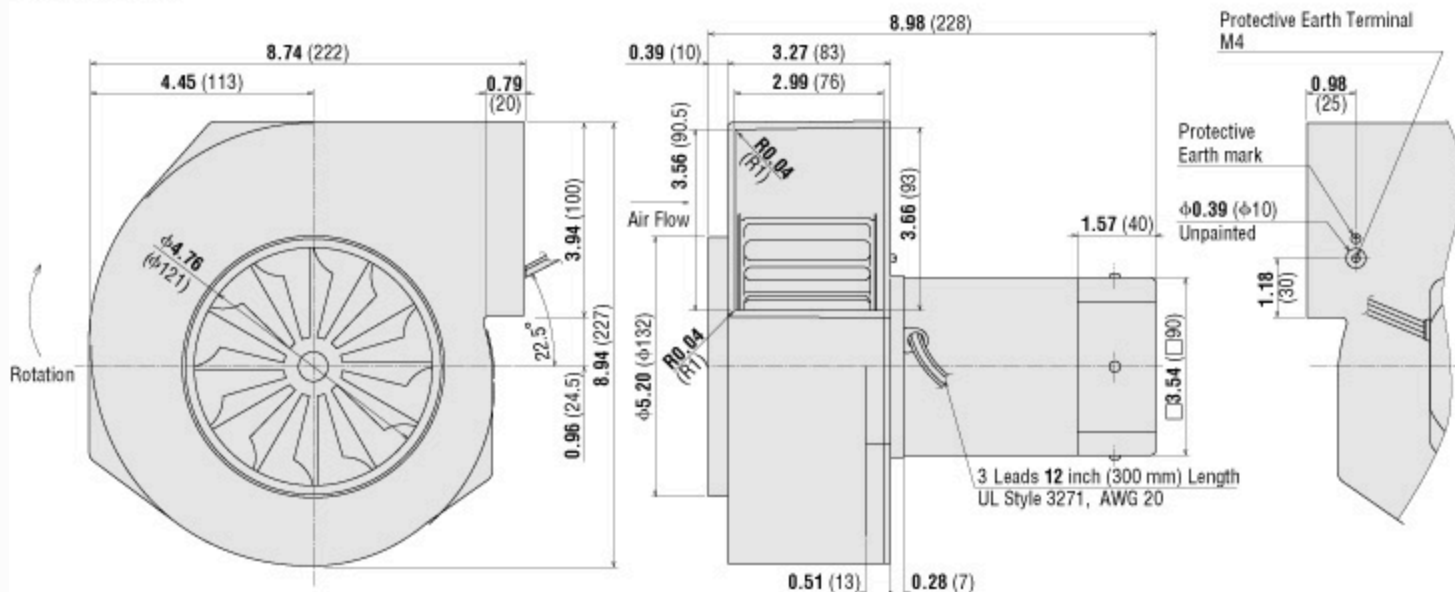


Noise Level	76 dB (A) [100 VAC, 50 Hz] 80 dB (A) [100/110/115 VAC, 60 Hz]
Fan Kit	Fan Only
RoHS Compliant	Yes
Safety Standards	UL CSA
California Proposition 65	<p>⚠ CA WARNING</p> <p>Cancer risk from exposure to Nickel. See www.P65Warnings.ca.gov</p> <p>Risk of reproductive harm from exposure to Di-n-hexyl phthalate (DnHP). See www.P65Warnings.ca.gov</p> <p>Risk of cancer and reproductive harm from exposure to Di(2-ethylhexyl phthalate (DEHP). See www.P65Warnings.ca.gov</p> <p>See "?" or copy/paste www.P65Warnings.ca.gov in your browser.</p>
Insulation Resistance	100 MΩ or more when 500 VDC is applied between the windings and the frame under normal ambient temperature and humidity.
Dielectric Strength	Sufficient to withstand 1.5 kV at 50Hz applied between the windings and the frame for 1 minute under normal ambient temperature and humidity.
Temperature Rise	81°F (45°C) or less measured by the thermometer method after the temperature of the motor case has stabilized after continuous operation under normal ambient temperature and humidity.
Insulation Class	Class B (266°F [130°C])
Overheat Protection	Built-in thermal protector (automatic reset type) Operating temperature, open: 266°F±9°F (130°C±5°C), close: 181.4°F±27°F (83°C±15°C)
Ambient Temperature Range	14°F ~ 122°F (-10°C ~ 50°C)
Ambient Humidity	85% or less (noncondensing)

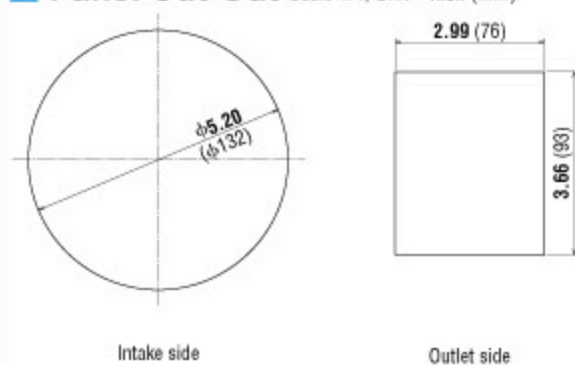
Dimensions

■ Dimensions Scale 1/4, Unit = inch (mm)

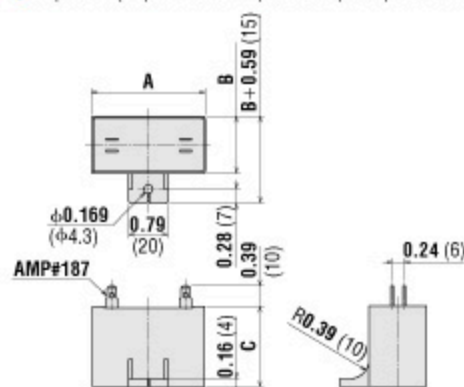
Weight: 11 lb. (5 kg)



Panel Cut-Out Scale 1/4, Unit = inch (mm)

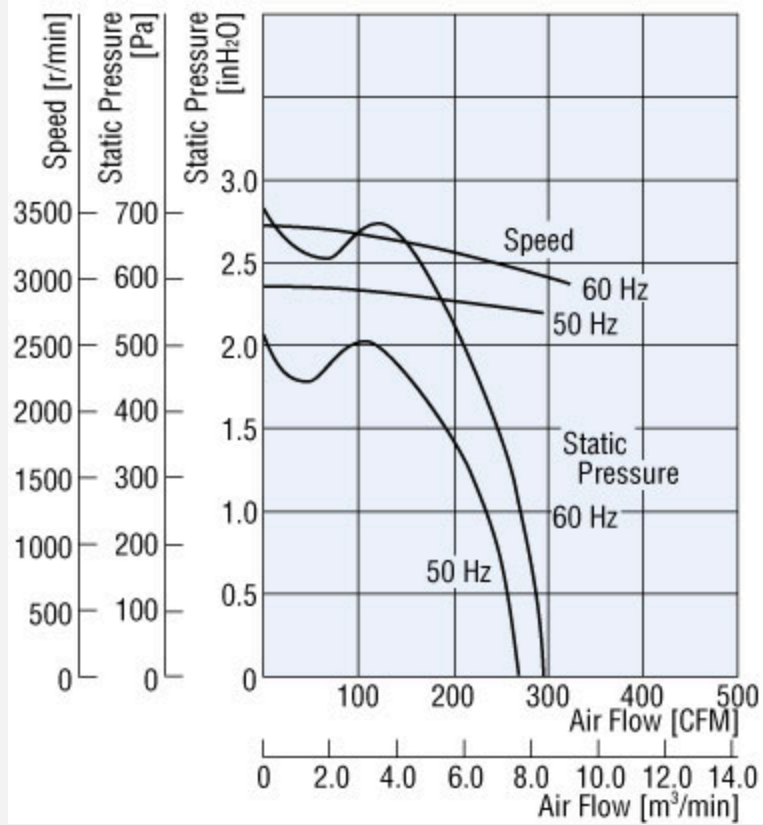


- Capacitor (Capacitor and capacitor cap are provided with single-phase blowers.)



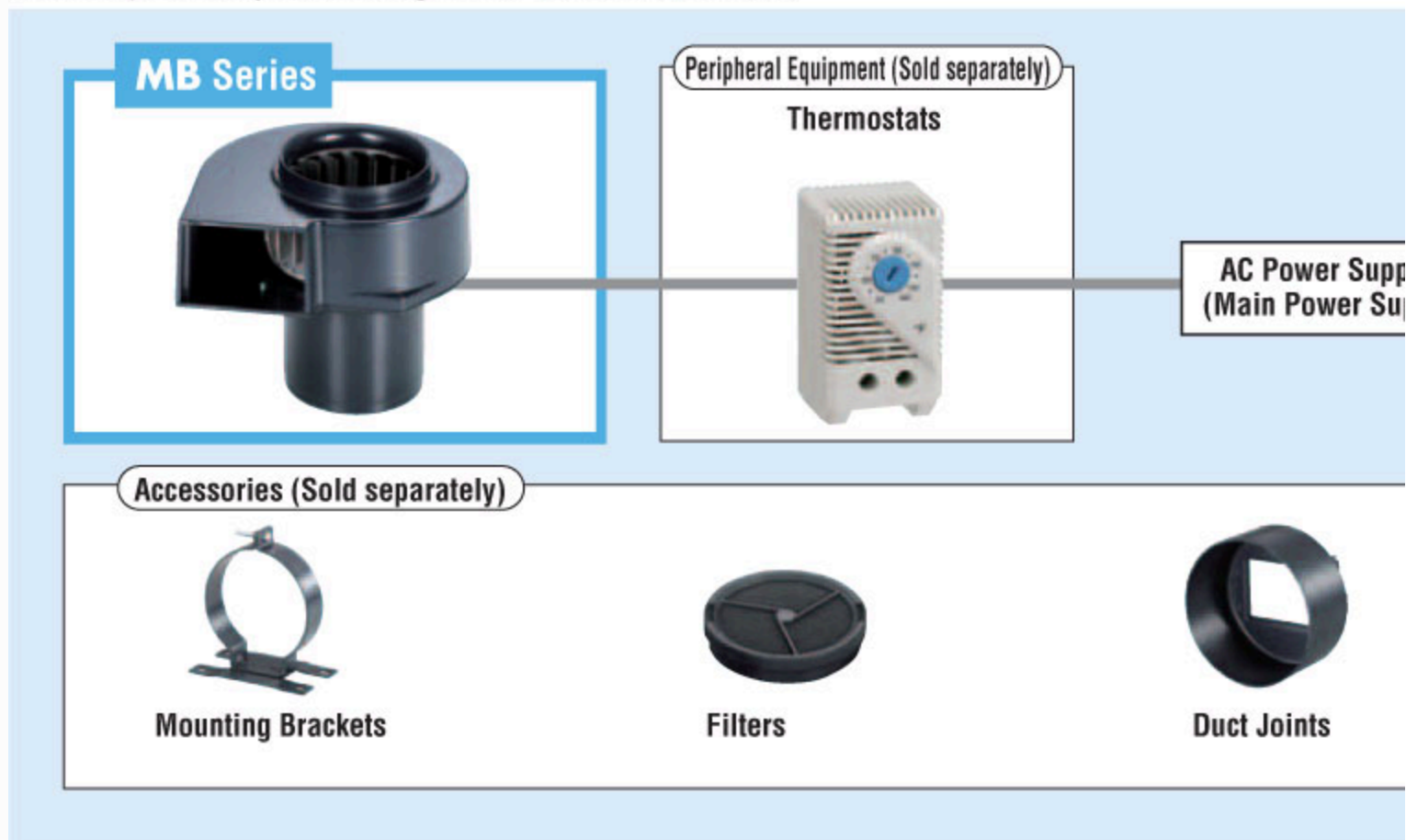
Model	Capacitor	Dimensions inch (mm)			Weight oz. (g)
		A	B	C	
MB1665-B	CH400CFAUL	2.28 (58)	1.61 (41)	2.28 (58)	6.7 (190)
MB1665-D	CH80BFAUL	2.28 (58)	1.38 (35)	1.97 (50)	5.3 (150)

Air Flow – Static Pressure Characteristics



System Configuration

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



¹ Quoted Ship Date for orders placed before 12:00 pm PST. Quantities may affect Shipping Date.