



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

Item # MB1255-D, 4.72 in. (120 mm) MB Series Centrifugal Fan / Blower (Single-Phase 200/220/230 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 —

\$204.00

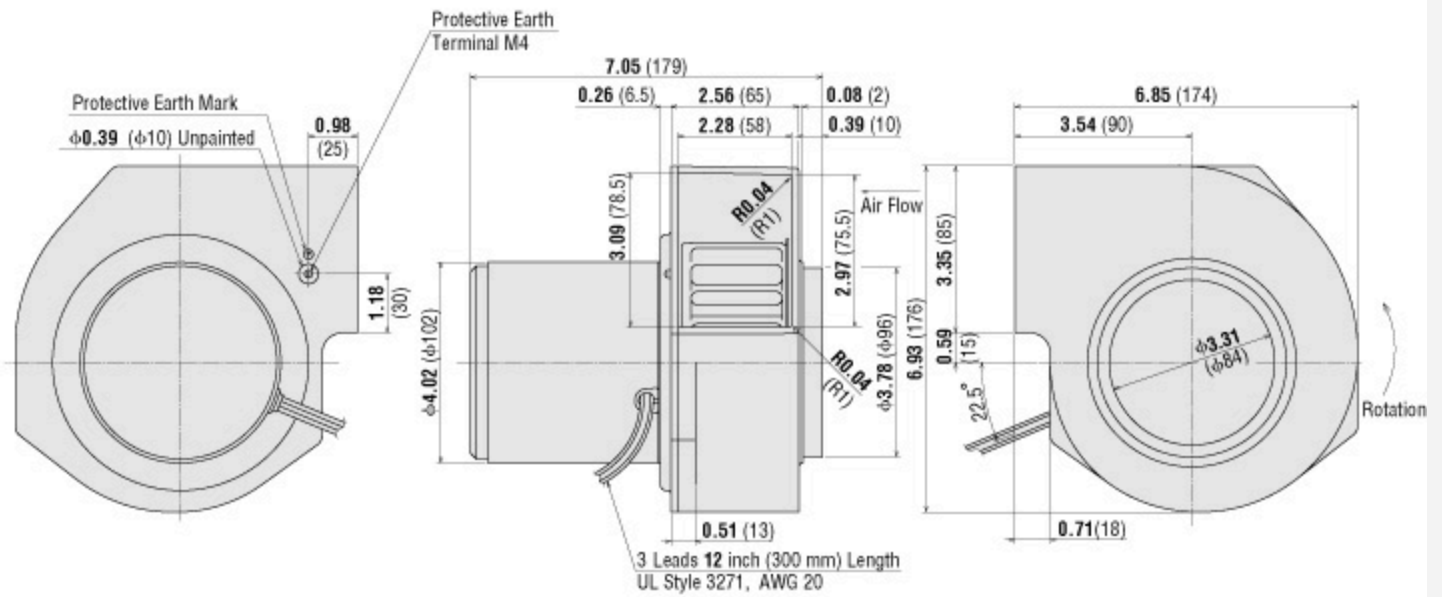
Specifications | Dimensions | Airflow | System

Specifications	
Lead Time ¹	Up to 20 pcs as of 6:30am EST Estimated Ship: 02/05/2026
Fan Type	Centrifugal Fan / Blower
Impeller Diameter	4.72 in.
Power Supply	Single-Phase 200/220/230 VAC
Current (A)	0.6 [200/230 VAC, 50 Hz] 0.8 [200/220/230 VAC, 60 Hz]
Speed (r/min)	2850 [200 VAC, 50 Hz] 2900 [230 VAC, 50 Hz] 3200 [200 VAC, 60 Hz] 3300 [220/230 VAC, 60 Hz]
Max. Air Flow	155 CFM [200 VAC, 50 Hz] 159 CFM [230 VAC, 50 Hz] 173 CFM [200 VAC, 60 Hz] 180 CFM [220 VAC, 60 Hz] 184 CFM [230 VAC, 60 Hz]

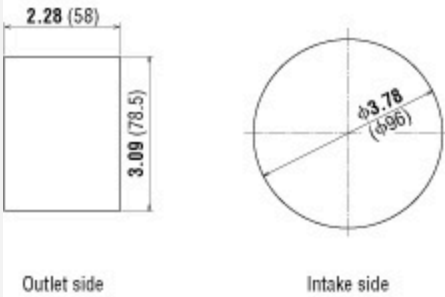


Max. Static Pressure	1.26 inH ₂ O [200/230 VAC, 50 Hz] 1.81 inH ₂ O [200/220/230 VAC, 60 Hz]
Noise Level	67 dB (A) [200/230 VAC, 50 Hz] 69 dB (A) [200 VAC, 60 Hz] 71 dB (A) [220/230 VAC, 60 Hz]
Fan Kit	Fan Only
RoHS Compliant	Yes
Safety Standards	UL CSA CE
CE Marking	Low Voltage Directives
California Proposition 65	⚠ CA WARNING Cancer risk from exposure to Nickel. See www.P65Warnings.ca.gov Risk of reproductive harm from exposure to Di-n-hexyl phthalate (DnHP). See www.P65Warnings.ca.gov Risk of cancer and reproductive harm from exposure to Di(2-ethylhexyl phthalate (DEHP). See www.P65Warnings.ca.gov See "?" or copy/paste www.P65Warnings.ca.gov in your browser.
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 E (248°F [120°C]), Recognized as Class A (221°F [105°C]) by UL and CSA standards.
Overheat Protection	Built-in thermal protector (automatic reset type) Operating temperature, open: 248°F±9°F (120°C±5°C), close: 170.6°F±27°F (77°C±15°C)
Ambient Temperature Range	14°F ~ 122°F (-10°C ~ 50°C)
Ambient Humidity	85% or less (noncondensing)

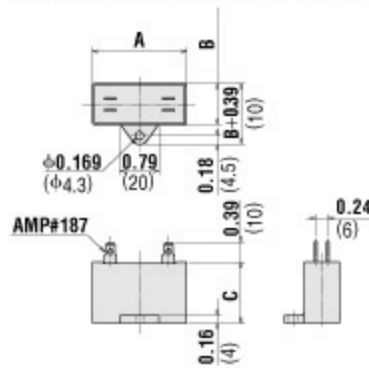
Dimensions Scale 1/4, Unit = **inch** (mm)
Weight: 8.8 lb. (4 kg)



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

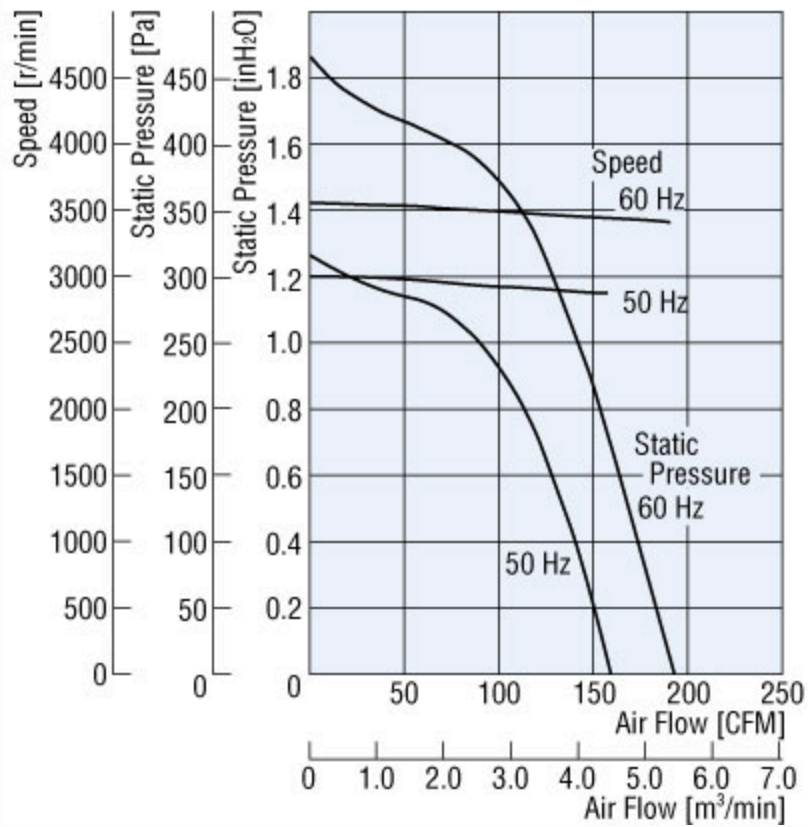


● Capacitor (Capacitor and capacitor cap are provided with single-phase blowers.)



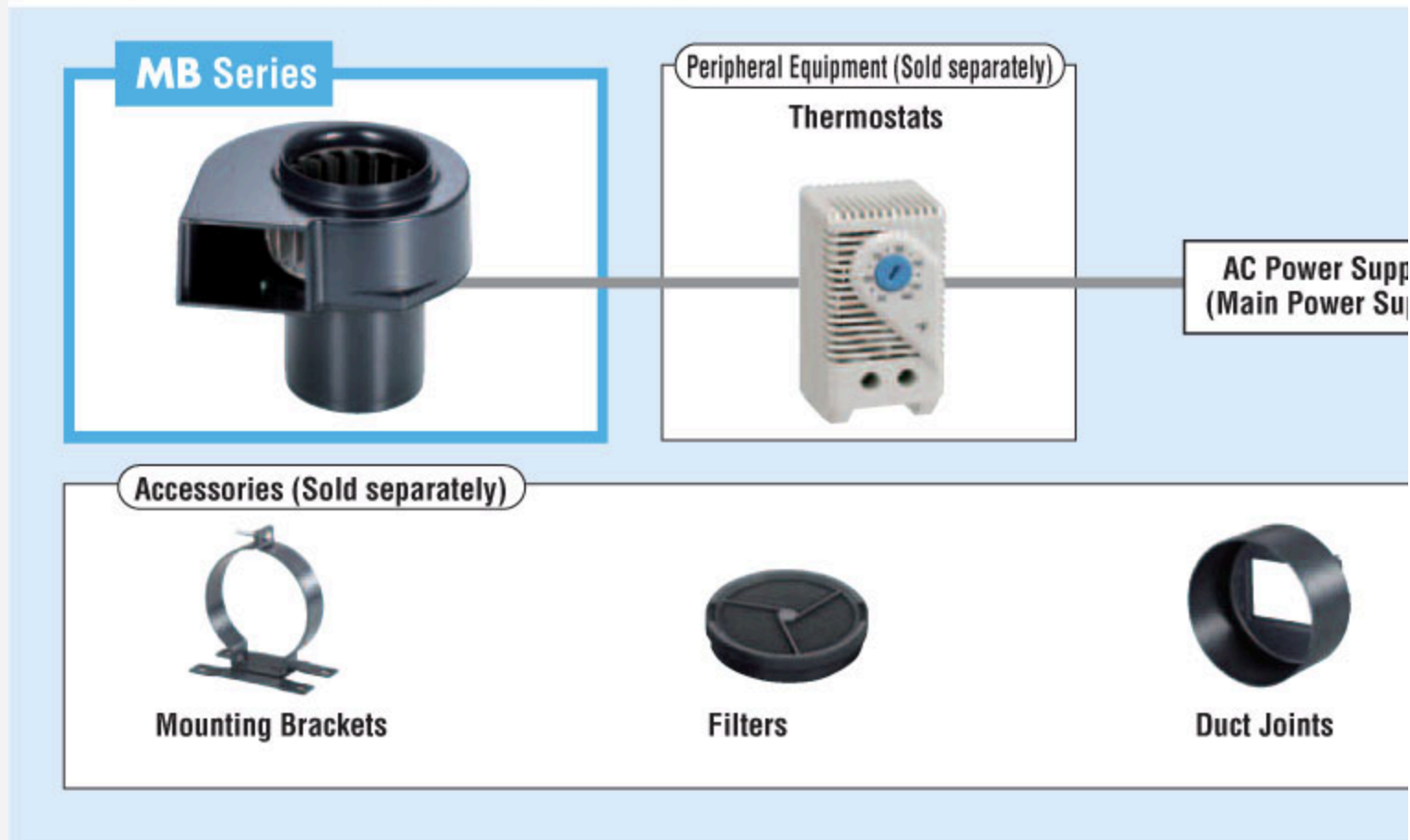
Model	Capacitor	Dimensions inch (mm)			Weight oz. (g)
		A	B	C	
MB1255-B	CH100CFAUL	1.89 (48)	0.89 (22.5)	1.24 (31.5)	1.41 (40)
MB1255-D	CH20BFAUL	1.89 (48)	0.75 (19)	1.14 (29)	1.41 (40)

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.