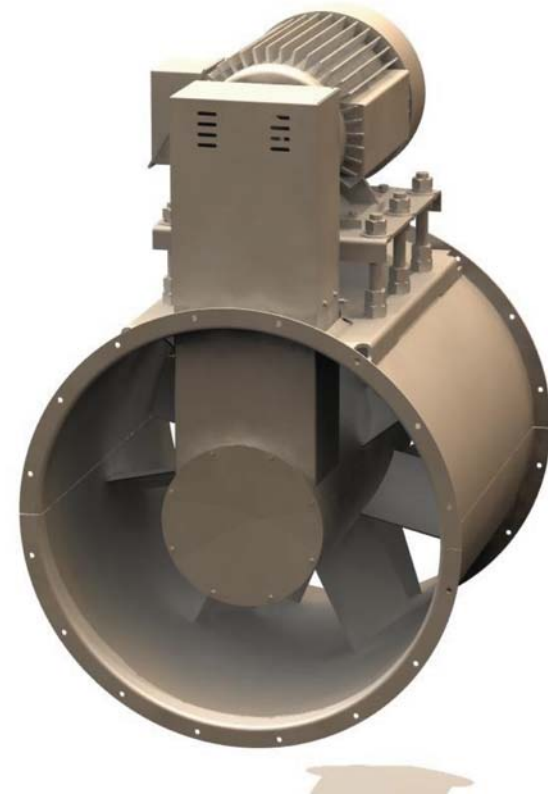


**Industrial Vaneaxial Fan,
Model EJ**
For Industrial Applications
(Sizes 50-100)

- Sealed Bearing Well
- Extended Lubrication Lines
- Welded Guide Vanes
- Sealed Belt Tube
- Heavy Duty Industrial Construction
- Heavy Duty Shaft & Bearings
- All Mounting Options Available


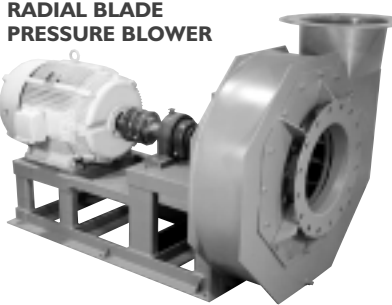
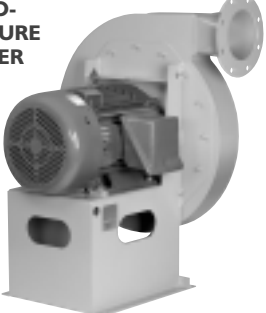
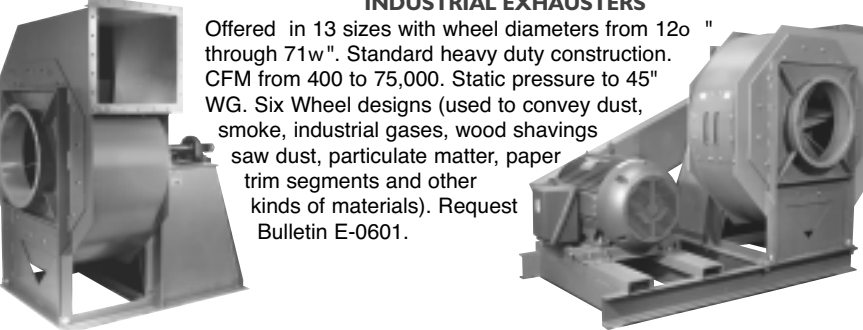



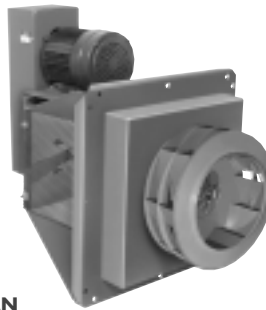
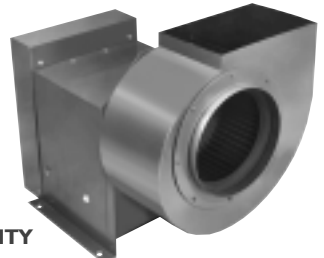



Rugged. Flexible. Efficient.



**Commercial Vaneaxial Fan,
Model CJ**
For Clean Air Applications
(Sizes 50-100)

- Extended Lubrication Lines
- Optional Belt Fairing Tube
- Efficient Commercial Construction
- Rugged Shaft and Bearings
- Sealed External Belt Guard
- Horizontal Service Only

 <p>PRESSURE BLOWER 5 Sizes from 1/4 to 30 HP. 350 to 4300 CFM. Pressures to 20" W.G. Cast Aluminum Construction. Request Bulletin AF-0302.</p>	 <p>RADIAL BLADE PRESSURE BLOWER 25 Sizes with capacities to 12,000 CFM 2 wheel types. Pressures to 110" W.G. Request Bulletin RB-0502.</p>	 <p>TURBO-PRESSURE BLOWER 9 Sizes from 400 to 8,000 CFM. 4 wheel types. Pressures to 75" W.G. Request Bulletin VP-0404.</p>
 <p>INDUSTRIAL EXHAUSTERS Offered in 13 sizes with wheel diameters from 12o " through 71w". Standard heavy duty construction. CFM from 400 to 75,000. Static pressure to 45" WG. Six Wheel designs (used to convey dust, smoke, industrial gases, wood shavings saw dust, particulate matter, paper trim segments and other kinds of materials). Request Bulletin E-0601.</p>		 <p>SQIE INDUSTRIAL EXHAUSTERS Available in standard and heavy duty construction, in wheel diameters from 12o " through 45r ". CFM from 400 to 25,000. Static pressure to 24" W.G. Available in 2 wheel designs and Arrangements 1, 4 and 9. Request Bulletin E-0601.</p>
 <p>BACKWARDLY INCLINED AIRFOIL 18 Sizes from 1,000 to 93,000 CFM. Pressures to 17" W.G. Request Bulletin AS-0951.</p>	 <p>QBCA BACKWARDLY INCLINED AIRFOIL BLOWER 14 Sizes from 500 to 42,000 CFM. Pressures to 17" W.G. Request Bulletin AS-0951.</p>	 <p>PLUG FAN 14 Sizes from 1,000 to 50,000 CFM. Pressures to 13" W.G. Request Bulletin PBCS-1201.</p>
 <p>UTILITY SETS Model SMB-Belt Drive or Direct Drive. 6 Sizes from 100 to 4,800 CFM. Pressures to 3" W.G. Request Bulletin SMB-1101.</p>	 <p>VOLUME BLOWER Model SC-Belt Drive or Direct Drive. 4 Sizes from 100 to 1,400 CFM. Pressures to 4" W.G. Request Bulletin SC-1000.</p>	<p>SPECIALS American Fan Company also modifies standard units and designs and builds specials to meet individual requirements in both the Original Equipment Manufacturer and End User Markets.</p>

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BELT DRIVEN VANEAXIAL FANS

500 mm to 1000 mm Diameter
Bulletin JMB 8-06



**BELT-DRIVEN
JM VANEAXIALS**



JM BELT DRIVEN VANEAXIAL FANS



Rugged and Precisely Adjustable Motor

Integral Lifting Lugs

Extended Lubrication Lines

Guide Vanes for top performance

Premium-quality adjustable pitch cast aluminum aerofoil Impeller

Precision-formed Welded Fan Casing with rolled leak-proof flanges

Machined Impeller-retention Plate

Wide Variety of Mounting Options and Accessories available

The JM Belt Driven Vaneaxial Fan by American Fan Company is a combination of ultramodern computerized design and production techniques combined with traditional metalworking craftsmanship and rigid quality assurance requirements. This model range features premium quality Adjustable Pitch impellers, 100% radiographically inspected, matched to performance enhancing downstream guide vanes, all encased in a rugged welded steel housing. Impeller hub is secured to the fan shaft by a machined retention plate.

Bearings and belts are isolated from contaminants and heat in the airstream; yet remain accessible for service and lubrication via extended lubrication lines and externally adjustable motor base. Leakproof rolled flanges assure system integrity. Shafts and bearings are sized for long and robust service life.

The JM Belt driven fan is a result of the melding of the world famous JM Adjustable Pitch Axial fan with American Fan's belt driven traditional models. The result is a flexible design of considerable capability. Product standardization and production efficiency have now made it possible to offer this fan very economically in the standard configurations that are shown in this introductory brochure. Additionally, larger units and units with special features are custom-designed with the Belt-drive JM fan as a basis. These are engineered to meet customers' needs. Please contact your American Fan Representative to discuss special application requirements.

BELT DRIVEN JM STANDARD PRODUCT RANGE

Fan Size	Impeller Hub Diameters	Type CJ Max Frame	Type EJ Max Frame
50	20	184T	215T
63	25	184T	256T
71	25	184T	256T
71	31	215T	286T
80	25	215T	286T
90	31	215T	326T
100	40	286T	365T

STANDARD ACCESSORIES AVAILABLE FOR ALL THESE FANS ARE:

- Horizontal Mounting Feet
- Mounting Feet (Offset)
- Horizontal Suspension Clips
- Vertical Mounting Clips
- Inlet & Outlet Screens
- Inlet Bell
- Inlet & Outlet Flexible Connector/Assemblies
- Companion Flanges
- Backdraft Damper



The Belt Driven JM represents your best value in Axial Flow fans. Its flexible performance output combined with a solid mechanical design make the JM Vaneaxial a long-lived part of your next project.

SELECTION AND PERFORMANCE INFORMATION

Use the charts below to make preliminary fan size selections. Selections may be refined by use of American Fan Company's selection software. Please consult your local representative for further details.

