

Wall Mount Cabinet Exhaust Fan



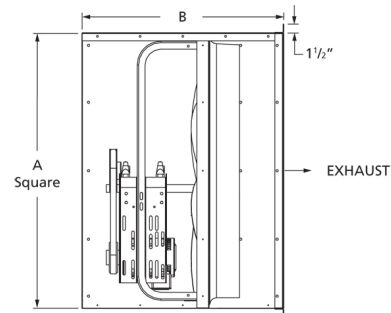
Designed for commercial and industrial applications requiring assembled packaged units able to deliver high volumes of air at low static pressures. Fans are completely assembled and ready for installation. Construction includes galvanized steel fan panel, fabricated propeller and bolted cabinets. Fan includes wall mounting angles for easy installation.

- Air handling quality bearings meet minimum of L10-100,000 hours
- Maximum inlet air temperature: 104° F
- Variable pitch adjustable motor pulley to optimize fan performance
- Exhaust damper blade is top-pivoting gravity return

AMCA Sound & Air Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

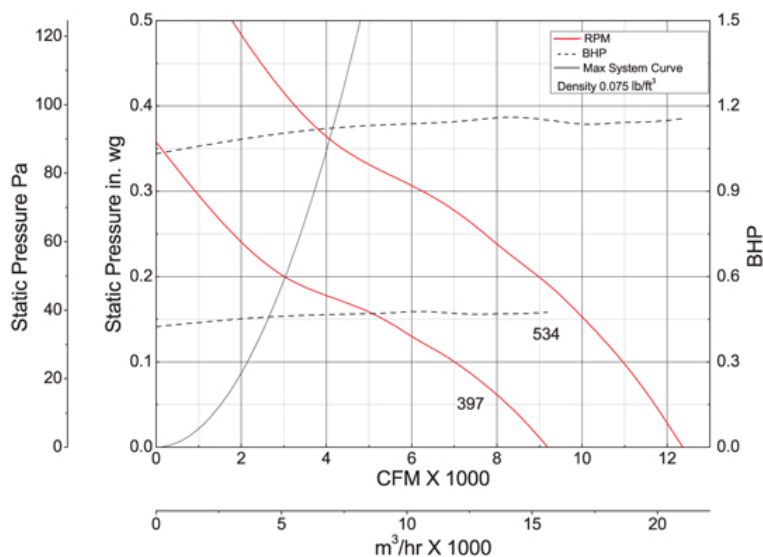


CSA Certified Motor



A	B
40 1/4 in	34 5/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	11 1/8 in
Impeller Type	Forward Curved Centrifugal
Impeller Material	Steel
Max Inlet Temp	120 °F
Bearing Type	Sealed Pillow Block
Drive Package Description	Drives Packaged Separately
Warranty Length	1 Year

Motor Information

Motor Item Number	6XJ06
Voltage	115
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Totally Enclosed Fan-Cooled
RPM	1,725 rpm
Full Load Amps	3.1

Other Components

Component	Description	Item #
Fan Description	Supply Fan	—
Belt	4L460 (QTY: 1)	4L460
Driver Sheave	1VP3412	5UHP9
Driven Sheave	AK9434	5RJF7

Air & Sound Performance

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP
1/6	0.18	600	CFM	1702	1435	1106
			Sones	12.8	11.5	11.3

Performance certified is for installation type A: Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings include the effects of a birdscreen and damper in the air stream. Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values are for installation type A: Free inlet hemispherical sone levels.

Catalog 405, January 2010

Operating Range of Drive Package

Turns Open	FRPM @ 0 TO	FRPM @ 1/2 TO	FRPM @ 1 TO	FRPM @ 1 1/2 TO	FRPM @ 2 TO	FRPM @ 2 1/2 TO	FRPM @ 3 TO	FRPM @ 3 1/2 TO	FRPM @ 4 TO	FRPM @ 4 1/2 TO	FRPM @ 5 TO
Approx. FRPM	600	589	569	549	529	509	490	470	450	430	—