

Centrifugal Belt-Drive Downblast Exhaust Ventilator

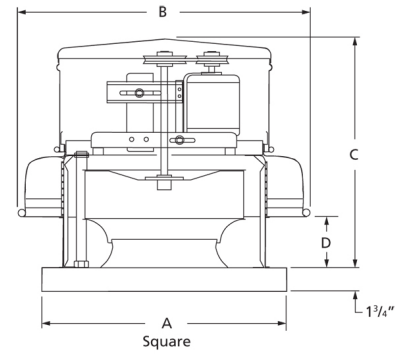


Designed to meet the general clean air exhaust requirements for industrial and commercial buildings. Features a fully rolled windband bead for increased stability and easy transport. Fresh outside air is drawn in under the motor cover to maximize motor life.

- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 180° F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- Regreaseable pillow block bearings
- Air handling quality bearings meet minimum of L10-100,000 hours
- UL/cUL 705 Listed for Power Ventilators

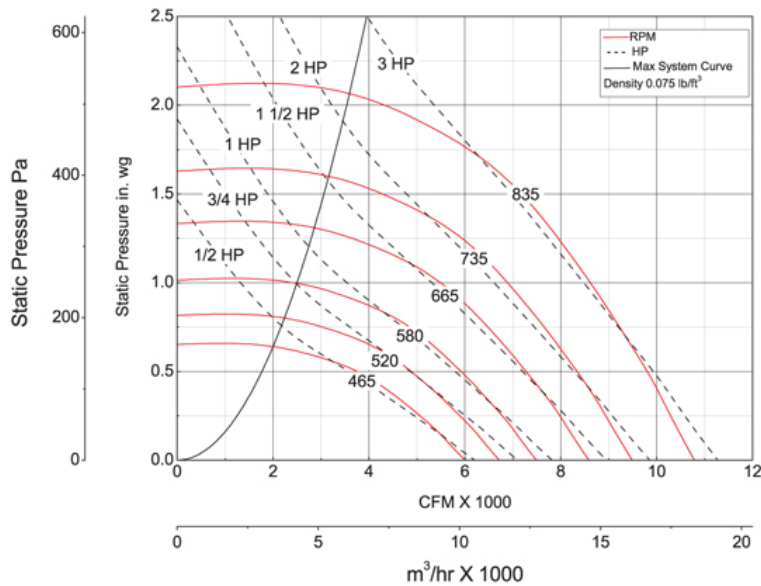


Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



A	B	C	D
42 in	50 in	36 in	8 1/4 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	26 1/2 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	180 °F
Bearing Type	Regreaseable Pillow Block
Drive Package Description	Drives By Others
Warranty Length	1 Year

Air & Sound Performance

Impeller Diameter (Typ.)		—	
		—	
21 1/4 in		—	
		—	
Impeller Type		—	
		—	
Backward Inclined Centrifugal		Impeller Material	
—		Aluminum	
—			
—		1	
—			
Max Inlet Temp		1.04	
580		CFM	
		Sones	
7491		7137	
14.4		13.7	
6775		6363	
13.0		12.6	
5912		5418	
12.2		11.6	
4826		300 °F	
11.0			
3931		Bearing Type	
10.3			
Regreaseable Pillow Block		Drive Package Description	
—		Drives By Others	
—			
—		Warranty Length	
—		—	
1 Year		—	
		—	
1 1/2		1.57	
665		CFM	
		Sones	
8588		8278	
16.7		16.2	
7979		7637	
15.8		15.3	
7274		6884	
15.0		14.6	
6474		6016	
14.2		13.8	
5465		3608	
13.3		12.8	
—		—	
—		—	
—		2	
—			
2.13		735	
CFM		9493	
Sones		18.9	
9212		8938	
18.6		18.3	
8652		8335	
17.9		17.6	
8001		7649	
17.2		16.8	
7280		6878	
16.5		16.2	
5916		4236	
15.6		14.9	
—		—	
—		—	
3		3.12	
835		CFM	
		Sones	
10,784		10,537	
23.0		23.0	
10,292		10,055	
22.0		22.0	
9794		9514	
22.0		22.0	
9225		8927	
21.0		21.0	
8606		7932	
20.0		19.9	
7157		6024	
19.7		18.7	

7157	6024
19.7	18.7

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 in the airstream. 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 shown are for installation type A: Free inlet hemispherical sone levels.