Heavy-Duty Belt-Drive Exhaust Fan



Designed for commercial and industrial applications requiring high volume of air at low to medium static pressures. Construction includes heavy-duty drive frame channels, bearing plate and motor plate. Propeller utilizes a six-blade heavy-duty cast aluminum design. Mount in vertical position for exhaust applications or horizontal position for supply applications.

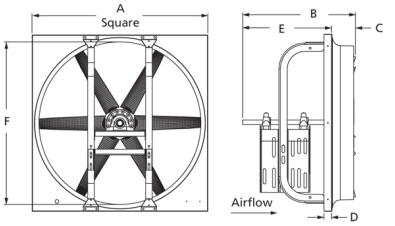
- Variable pitch adjustable motor pulley to optimize fan performance
- Maximum inlet air temperature: 104º F
- 6-Blade heavy-duty cast aluminum propellers

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.

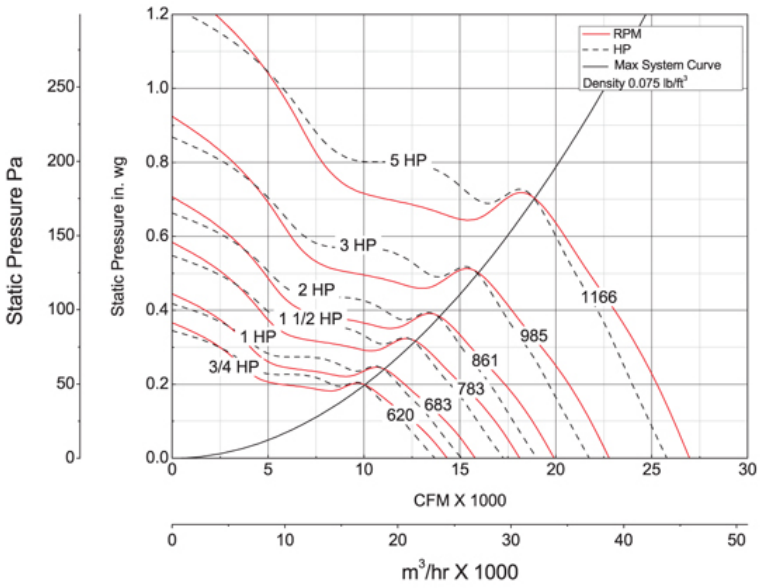
UL/cUL 705

E53236



A	B	C	D	E	F
40 in	22 in	6 in	1 in	16 in	36 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	36 in
Impeller Type	Propeller
Impeller Material	Cast Aluminum
Number of Blades	6
Max Inlet Temp	104 °F
Bearing Type	Regreaseable Cast Pillow Block
Drive Package Description	Drives By Others
Warranty Length	1 Year

Air & Sound Performance

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP	0.375" SP	0.500" SP	0.625" SP
3/4	0.86	620	CFM	14,345	11,967	—	—	—	—
			Sones	20.0	22.0	—	—	—	—
1	1.15	683	CFM	15,803	13,762	—	—	—	—
			Sones	23.0	24.0	—	—	—	—
1 1/2	1.73	783	CFM	18,117	16,453	14,122	—	—	—
			Sones	28.0	28.0	29.0	—	—	—
2	2.30	861	CFM	19,922	18,434	16,458	13,986	—	—
			Sones	31.0	31.0	33.0	34.0	—	—
3	3.45	985	CFM	22,791	21,529	19,987	18,080	—	—
			Sones	38.0	37.0	39.0	42.0	—	—
5	5.75	1166	CFM	26,979	25,947	24,763	23,368	21,737	20,121
			Sones	50.0	51.0	51.0	54.0	57.0	58.0

Performance certified is for installation type A: Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). 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 fan sone levels.