

Medium-Duty Belt-Drive Exhaust Fan



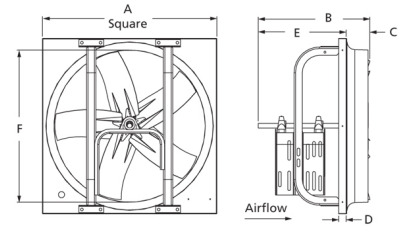
Designed for commercial and industrial applications requiring high volumes of air at low static pressures. Construction includes heavy-duty drive frame rails and one-piece motor/bearing plate. Propeller utilizes a five-blade reinforced galvanized steel design which provides low sound levels. Mount in vertical position for exhaust applications or horizontal position for supply applications.

- Variable pitch adjustable motor pulley to optimize fan performance
- Maximum inlet air temperature: 104° F
- 5-Blade reinforced galvanized steel propellers



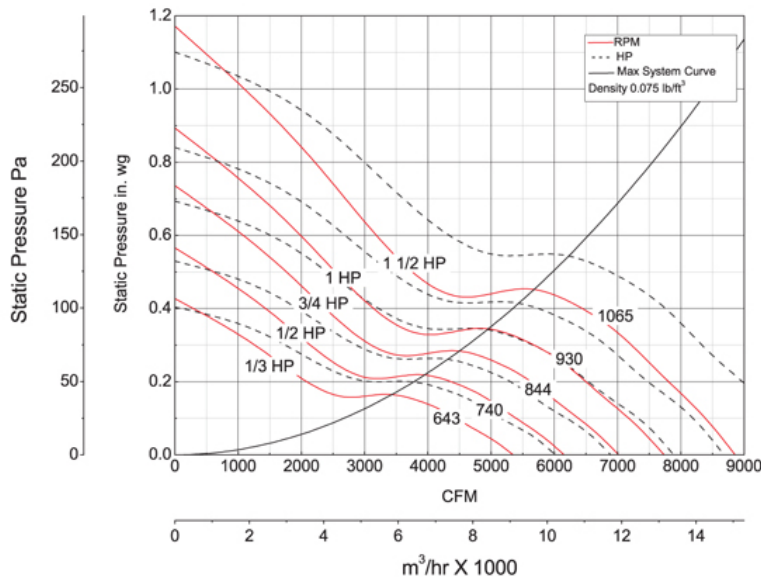
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

UL/cUL 705



A	B	C	D	E	F
28 in	18 in	4 3/8 in	1 1/4 in	13 5/8 in	24 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	24 in
Impeller Type	Propeller
Impeller Material	Galvanized Steel
Number of Blades	5
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
1/3	0.38	643	CFM	6039	5142	—	—	—
			Sones	12.7	11.6	—	—	—
1/2	0.58	740	CFM	6950	6216	4806	—	—
			Sones	14.7	13.1	12.2	—	—
3/4	0.86	844	CFM	7927	7296	6514	—	—
			Sones	19.8	15.8	14.7	—	—
1	1.15	930	CFM	8734	8173	7507	6279	—
			Sones	27.0	18.9	17.7	16.5	—
1 1/2	1.73	1065	CFM	10,002	9518	8984	8344	7104
			Sones	46.0	24.0	23.0	22.0	21.0

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.