

Standard-Duty Belt-Drive Supply Fan

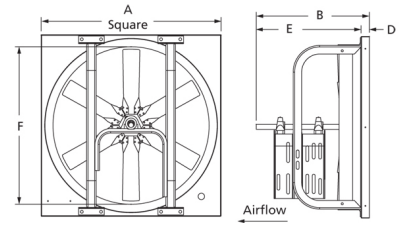


Designed for commercial and industrial applications requiring high volumes of air at low static pressures. Construction includes rigid drive frame rails and one-piece motor/bearing plate. Mount fan in vertical position for supply applications or horizontal position for exhaust applications.

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

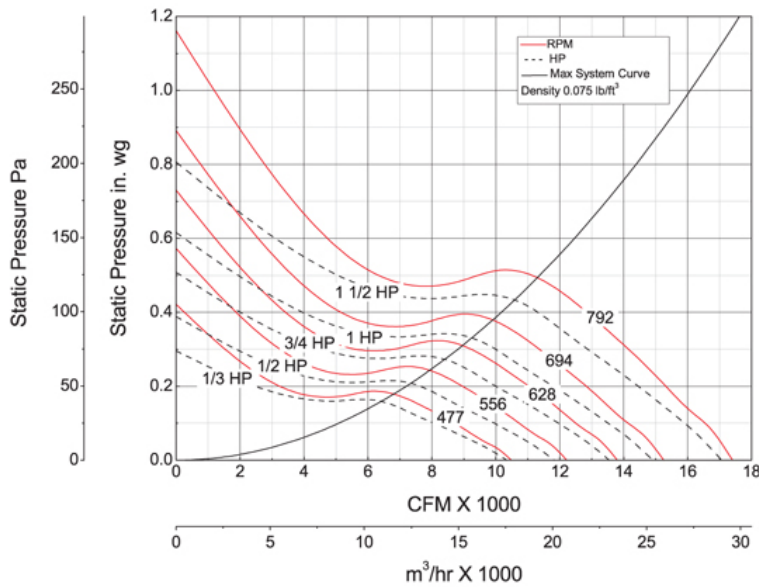


Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



A	B	D	E	F
40 in	23 1/4 in	1 in	22 1/4 in	36 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	30 in
Impeller Type	Propeller
Impeller Material	Galvanized Steel
Number of Blades	6
Max Inlet Temp	104 °F
Bearing Type	Regreaseable 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
1/4	0.30	621	CFM	7096	6015	—	—	—
			Sones	13.2	12.8	—	—	—
1/3	0.39	675	CFM	7713	6763	5160	—	—
			Sones	14.6	14.1	15.3	—	—
1/2	0.60	776	CFM	8867	8036	6990	—	—
			Sones	17.8	17.2	17.8	—	—
3/4	0.90	882	CFM	10,078	9342	8560	7424	—
			Sones	22.0	22.0	21.0	23.0	—
1	1.20	968	CFM	11,061	10,385	9736	8847	7570
			Sones	26.0	25.0	26.0	26.0	29.0

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.