Dayton

Stock No. 1WDC8

Job Name:
Mark:

Submitted By:
Date:3/18/2026

Fans

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.

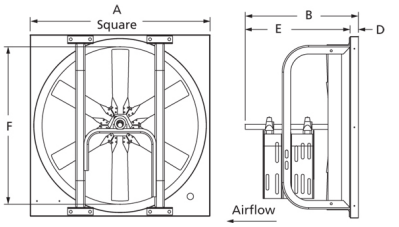
- Variable pitch adjustable motor pulley to optimize fan performance
- Maximum inlet air temperature: 104º F
- 6-Blade reinforced galvanized steel propellers

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.

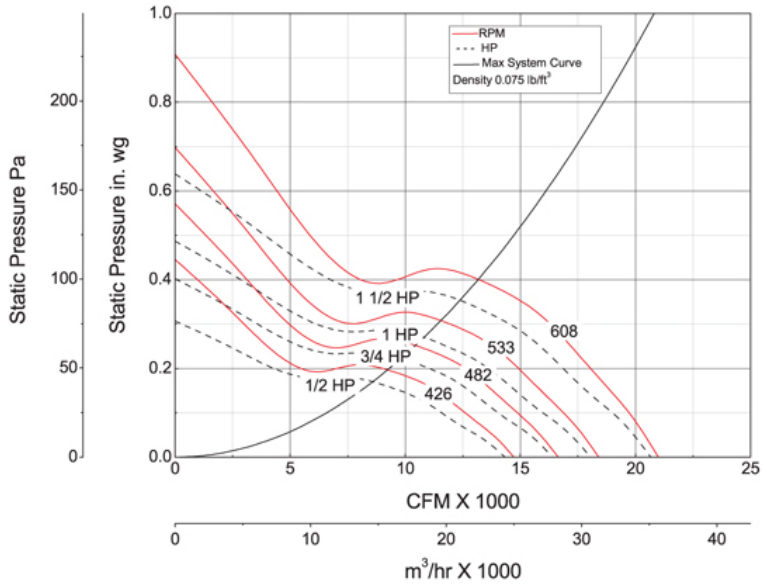
UL/cUL 705

E53236



A	B	D	E	F
46 in	24 5/8 in	2 in	22 5/8 in	42 1/2 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	42 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
1/2	0.60	426	CFM	14,712	11,980	—	—
			Sones	17.1	16.3	—	—
3/4	0.90	482	CFM	16,646	14,327	10,507	—
			Sones	20.0	21.0	19.6	—
1	1.20	533	CFM	18,408	16,388	13,752	—
			Sones	22.0	21.0	21.0	—
1 1/2	1.80	608	CFM	20,998	19,302	17,182	14,193
			Sones	26.0	25.0	26.0	26.0

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.