Dayton

Stock No. 3FKD8

Job Name:
Mark:

Submitted By:
Date:6/18/2026

Fans

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.

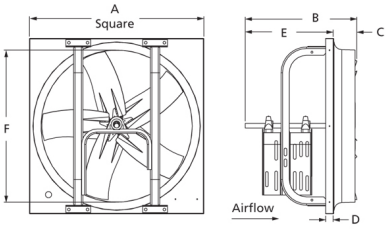
- Variable pitch adjustable motor pulley to optimize fan performance
- Maximum inlet air temperature: 104º F
- 5-Blade reinforced galvanized steel propellers

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.

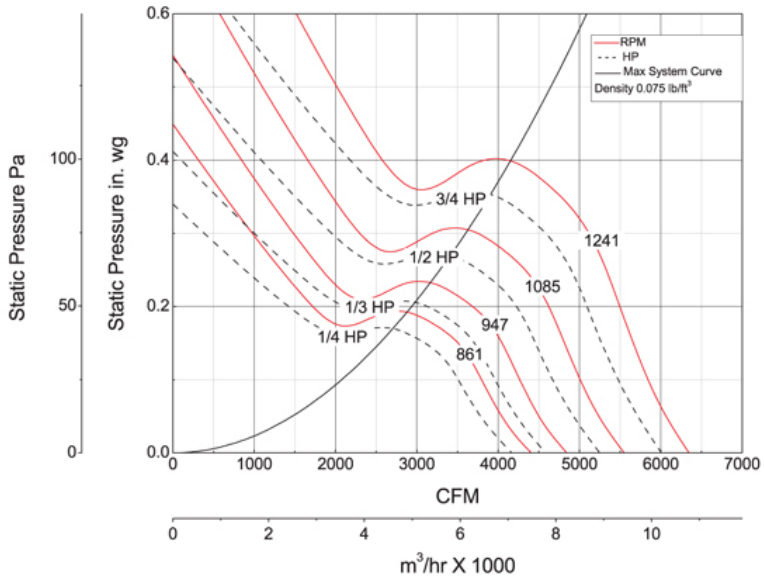
UL/cUL 705

E53236



A	B	C	D	E	F
24 in	19 1/2 in	3 1/4 in	1 in	16 1/4 in	20 1/2 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	20 in
Impeller Type	Propeller
Impeller Material	Steel
Number of Blades	5
Max Inlet Temp	104 °F
Bearing Type	Permanently Lubricated Sleeve
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
1/4	0.30	861	CFM	4404	3672	—	—
			Sones	14.3	14.0	—	—
1/3	0.40	947	CFM	4844	4156	—	—
			Sones	16.1	15.7	—	—
1/2	0.60	1085	CFM	5550	4919	4269	—
			Sones	17.9	17.6	16.7	—
3/4	0.90	1241	CFM	6348	5764	5325	4479
			Sones	22.0	22.0	21.0	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.