Dayton

Stock No. 1AHA2

Job Name:
Mark:

Submitted By:
Date:11/29/2026

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.

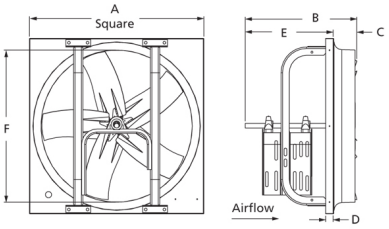
- Variable pitch adjustable motor pulley to optimize fan performance
- Maximum inlet air temperature: 104º F
- 5-Blade reinforced galvanized steel propellers

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.

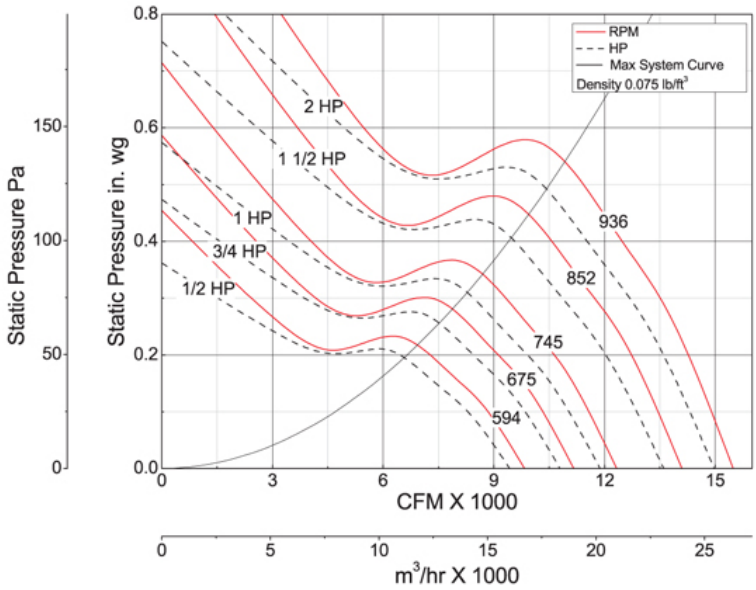
UL/cUL 705

E53236



A	B	C	D	E	F
34 in	20 in	5 1/4 in	1 1/4 in	14 3/4 in	30 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	30 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
1/2	0.58	594	CFM	9829	8499	—	—	—
			Sones	15.4	14.6	—	—	—
3/4	0.86	675	CFM	11,169	10,067	8391	—	—
			Sones	18.3	17.4	16.9	—	—
1	1.15	745	CFM	12,328	11,355	9977	—	—
			Sones	21.0	20.0	19.8	—	—
1 1/2	1.73	852	CFM	14,098	13,279	12,271	10,859	—
			Sones	26.0	26.0	25.0	24.0	—
2	2.30	936	CFM	15,488	14,742	13,891	12,735	11,377
			Sones	31.0	30.0	30.0	29.0	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.