

## Heavy-Duty Belt-Drive Exhaust Fan



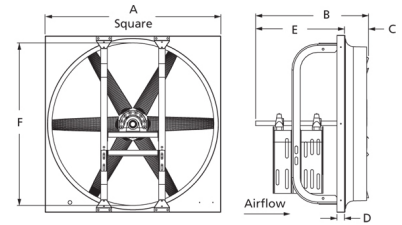
Designed for commercial and industrial applications requiring high volume of air at low to medium static pressures. Construction includes heavy-duty drive frame channels, bearing plate and motor plate. Propeller utilizes a six-blade heavy-duty cast aluminum design. Mount in vertical position for exhaust applications or horizontal position for supply applications.

- Variable pitch adjustable motor pulley to optimize fan performance
- Maximum inlet air temperature: 104° F
- 6-Blade heavy-duty cast aluminum propellers



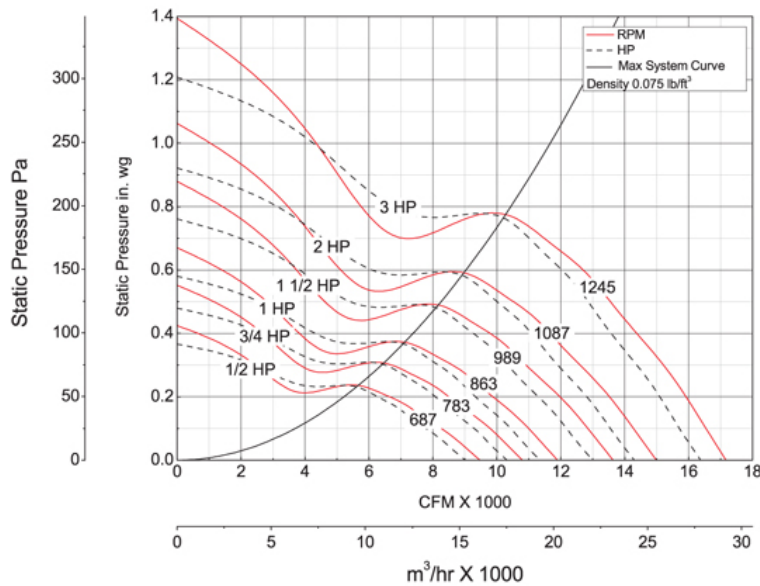
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

UL/cUL 705



A	B	C	D	E	F
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	Cast Aluminum
Number of Blades	6
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	687	CFM	9474	7888	—	—	—
			Sones	16.3	17.3	—	—	—
3/4	0.86	783	CFM	10,798	9474	7730	—	—
			Sones	19.7	21.0	21.0	—	—
1	1.15	863	CFM	11,901	10,739	9276	—	—
			Sones	23.0	24.0	25.0	—	—
1 1/2	1.73	989	CFM	13,639	12,646	11,452	10,112	—
			Sones	27.0	28.0	28.0	29.0	—
2	2.30	1087	CFM	14,990	14,090	13,072	11,885	10,489
			Sones	31.0	32.0	32.0	32.0	33.0

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.