

Heavy-Duty Belt-Drive Exhaust Fan



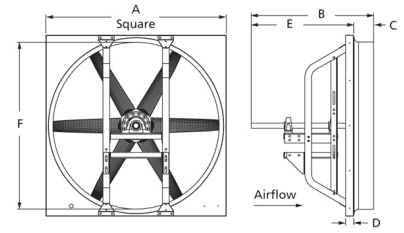
Designed for commercial and industrial applications requiring high volume of air at low to medium static pressures. Construction includes heavy-duty drive frame channels, bearing plate and motor plate. Propeller utilizes a six-blade heavy-duty cast aluminum design. Mount in vertical position for exhaust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

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



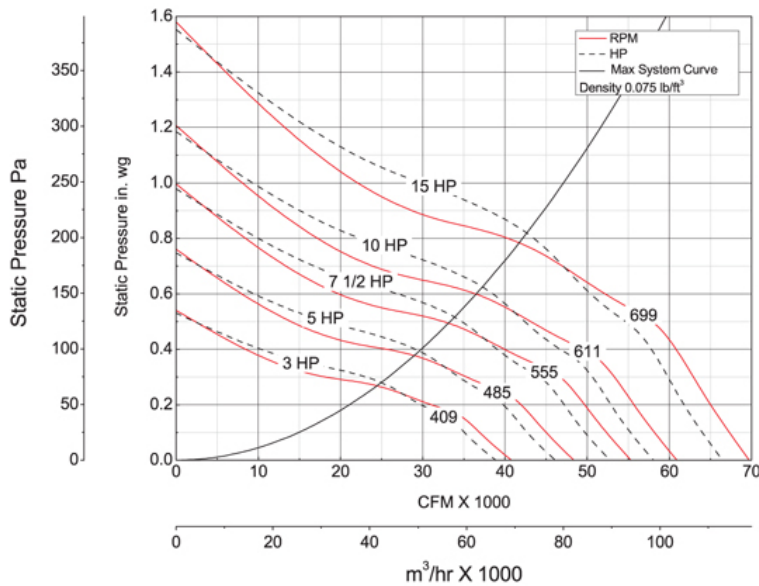
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

UL/cUL 705



A	B	C	D	E	F
66 in	34 in	7 9/16 in	2 in	26 7/16 in	61 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	60 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	0.625" SP	0.750" SP
3	3.45	409	CFM	40,778	35,888	26,441	—	—	—	—
			Sones	27.0	28.0	28.0	—	—	—	—
5	5.75	485	CFM	48,356	44,215	39,274	—	—	—	—
			Sones	35.0	35.0	36.0	—	—	—	—
7 1/2	8.63	555	CFM	55,335	51,712	48,133	41,726	—	—	—
			Sones	45.0	45.0	45.0	45.0	—	—	—
10	11.50	611	CFM	60,918	57,628	54,364	50,737	43,055	—	—
			Sones	54.0	54.0	55.0	56.0	63.0	—	—
15	17.25	699	CFM	69,692	66,816	63,943	61,110	57,579	50,855	44,128
			Sones	74.0	77.0	82.0	84.0	91.0	167.0	203.0

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.