

## Standard-Duty Belt-Drive Supply Fan

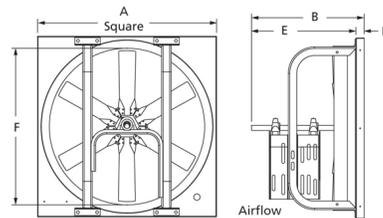


Designed for commercial and industrial applications requiring high volumes of air at low static pressures. Construction includes rigid drive frame rails and one-piece motor/bearing plate. Mount fan in vertical position for supply applications or horizontal position for exhaust applications.

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

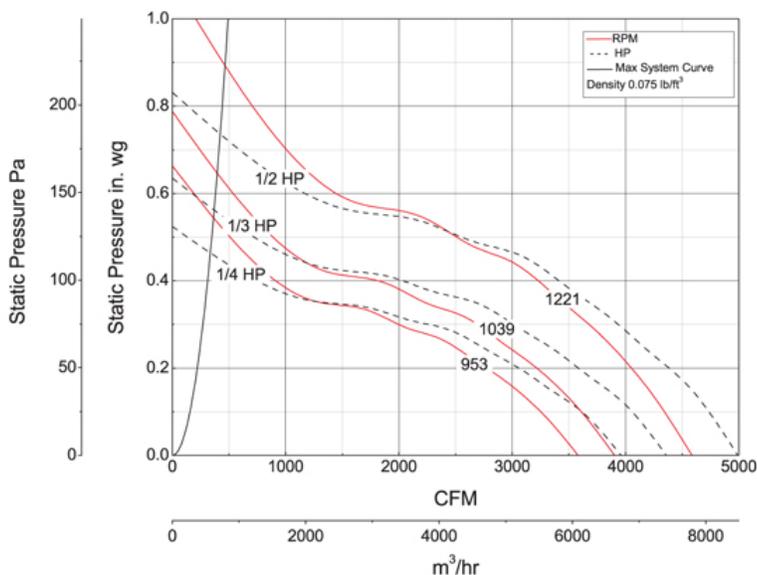


Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



A	B	D	E	F
24 in	19 1/2 in	1 in	18 1/2 in	20 1/2 in

## Performance Characteristics



## Construction Features

<b>Impeller Diameter (Typ.)</b>	20 in
<b>Impeller Type</b>	Propeller
<b>Impeller Material</b>	Steel
<b>Number of Blades</b>	6
<b>Max Inlet Temp</b>	104 °F
<b>Bearing Type</b>	Sealed Pillow Block
<b>Drive Package Description</b>	Drives By Others
<b>Warranty Length</b>	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
1/4	0.30	953	CFM	3581	3148	2469	1160	657	—	—
			Sones	16.2	16.2	16.3	16.1	16.0	—	—
1/3	0.40	1039	CFM	3904	3517	2954	2039	1064	603	—
			Sones	17.2	17.2	17.2	17.4	18.4	19.0	—
1/2	0.60	1221	CFM	4587	4277	3873	3333	2514	1456	1064
			Sones	20.0	20.0	20.0	21.0	21.0	23.0	24.0

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.