Dayton

Stock No.
33X834

Job Name:
Mark:

Submitted By:
Date:11/29/2026

Power Roof Ventilators

Hazardous Location Centrifugal Belt-Drive Upblast Exhaust Ventilator

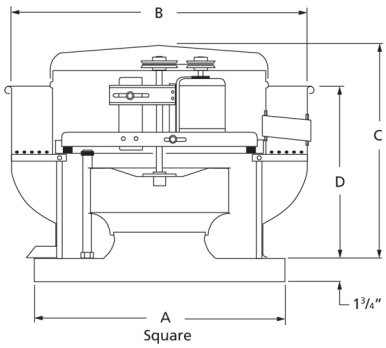


Designed to exhaust air in commercial and industrial applications with potential flammable particles or fumes. Units include explosion resistant motor, aluminum wheel and aluminum rub ring.

- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 300º F
- Sealed pillow block bearings
- Air handling quality bearings meet minimum of L10-100,000 hours

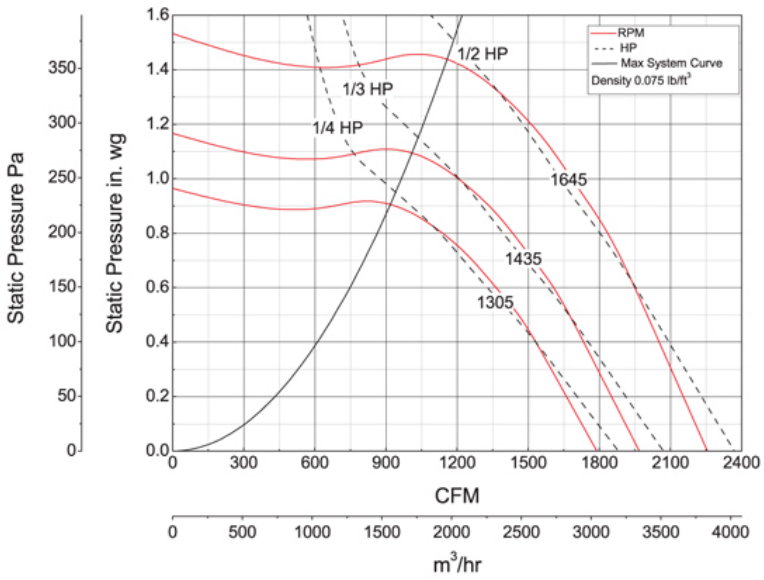
AMCA Sound & Air

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.



A	B	C	D
22 in	24 7/8 in	29 1/8 in	17 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	13 1/4 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	300 °F
Bearing Type	Sealed 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	0.875" SP	1.000" SP	1.250" SP
1/4	0.26	1305	CFM	1790	1709	1629	1547	1458	1340	1201	1003	—	—
			Sones	14.6	14.3	13.9	13.5	13.0	12.0	11.5	10.8	—	—
1/3	0.35	1435	CFM	1968	1895	1822	1749	1671	1586	1479	1358	1198	—
			Sones	15.7	15.5	15.1	14.8	14.3	13.8	13.1	12.5	11.9	—
1/2	0.52	1645	CFM	2256	2192	2128	2065	2001	1933	1864	1778	1684	1455
			Sones	17.9	17.6	17.4	17.2	16.9	16.5	16.1	15.6	15.1	13.9

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 sone levels.