Dayton

Stock No. 4YY24

Job Name:
Mark:

Submitted By:
Date:11/22/2024

Power Roof Ventilators

Axial Belt-Drive Upblast Exhaust Ventilator

Designed for use in industrial and commercial buildings such as warehouses, manufacturing facilities, foundries, and laboratories. Housing is constructed of heavy gauge galvanized steel. The windband is removable for easy inspection. Lifting lugs are provided.

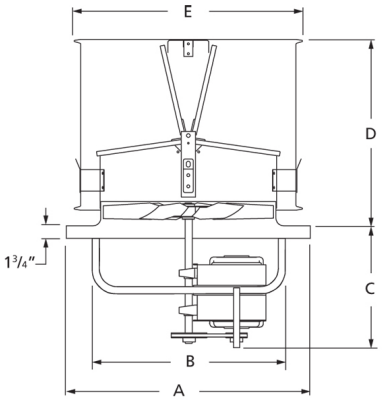
- Maximum inlet air temperature: 120º F
- UL/cUL 705 Listed for Power Ventilators
- Air handling quality bearings meet minimum of L10-100,000 hours
- Regreaseable pillow block bearings

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.

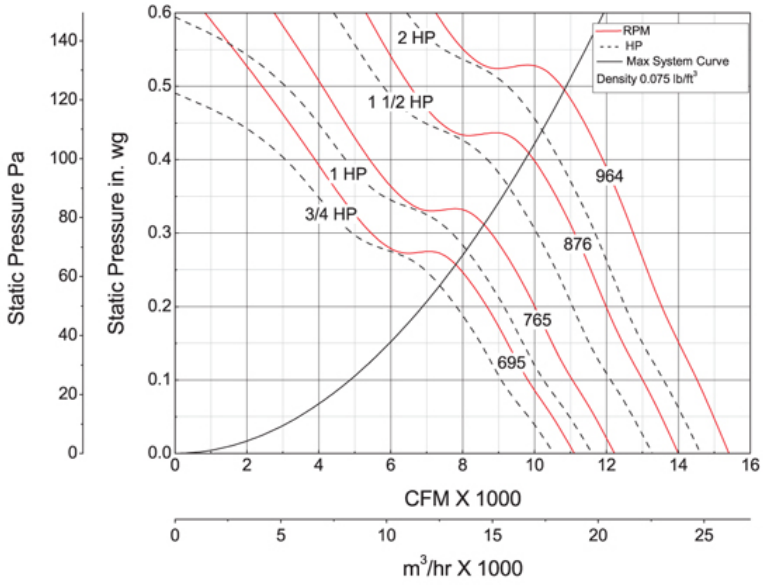
UL/cUL 705

E53236



A	B	C	D	E
38 3/4 in	32 1/2 in	18 1/8 in	30 in	37 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	30 in
Impeller Type	Propeller
Impeller Material	Steel
Number of Blades	5
Max Inlet Temp	120 °F
Bearing Type	Regreaseable 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
3/4	0.90	695	CFM	11,108	9534	7845	—
			Sones	18.0	17.2	18.1	—
1	1.20	765	CFM	12,227	10,765	9434	—
			Sones	21.0	20.0	19.8	—
1 1/2	1.81	876	CFM	14,001	12,739	11,566	10,270
			Sones	25.0	24.0	24.0	26.0
2	2.41	964	CFM	15,408	14,272	13,148	12,089
			Sones	30.0	30.0	30.0	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 sone levels.