Dayton

Stock No. 4YY27

Job Name:
Mark:

Submitted By:
Date:11/29/2026

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.

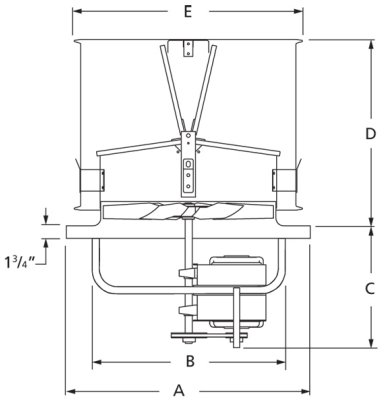
- Maximum inlet air temperature: 120º F
- UL/cUL 705 Listed for Power Ventilators
- Air handling quality bearings meet minimum of L10-100,000 hours
- Regreaseable pillow block bearings

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.

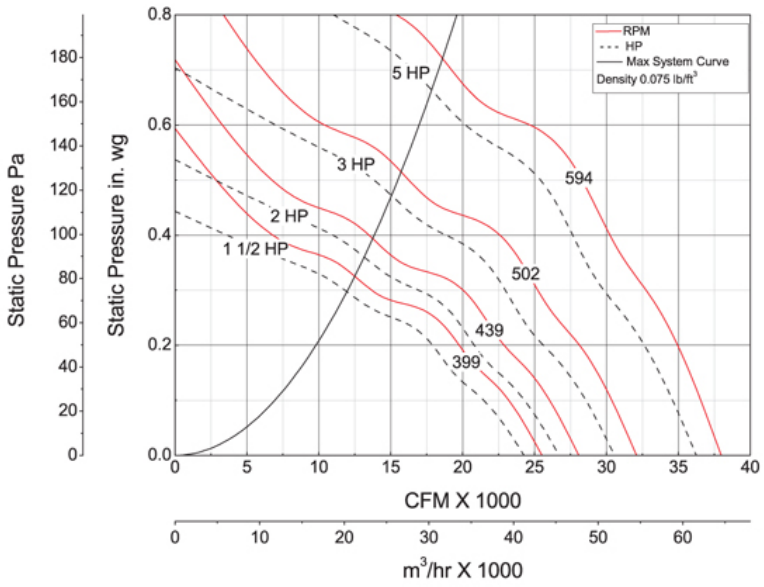
UL/cUL 705

E53236



A	B	C	D	E
56 3/4 in	50 1/2 in	20 1/2 in	40 in	56 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	48 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	0.500" SP	0.625" SP
1 1/2	1.81	399	CFM	25,517	22,356	17,815	—	—	—
			Sones	16.5	15.8	16.8	—	—	—
2	2.40	439	CFM	28,075	25,312	21,501	14,614	—	—
			Sones	19.3	18.8	18.8	21.0	—	—
3	3.61	502	CFM	32,104	29,829	26,528	23,376	16,326	—
			Sones	24.0	24.0	23.0	24.0	25.0	—
5	5.98	594	CFM	37,987	36,154	33,838	30,758	28,240	22,667
			Sones	30.0	29.0	29.0	28.0	30.0	32.0

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.