Dayton

Stock No. 4YC86

Job Name:
Mark:

Submitted By:
Date:11/29/2026

Power Roof Ventilators

Axial Direct-Drive Downblast Exhaust Ventilator



Designed for situations requiring the steady exhaust of air under low to moderate static pressures. Fully rolled baffle bead for stability and ease of transport with spun aluminum hood construction. Galvanized steel venturi, inlet and supports.

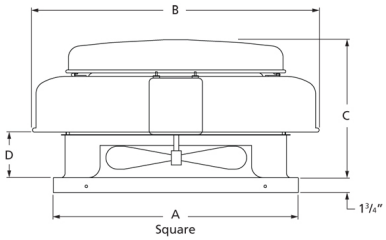
- Maximum inlet air temperature: 120º F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- UL/cUL 705 Listed for Power Ventilators
- Wall or roof mountable

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.

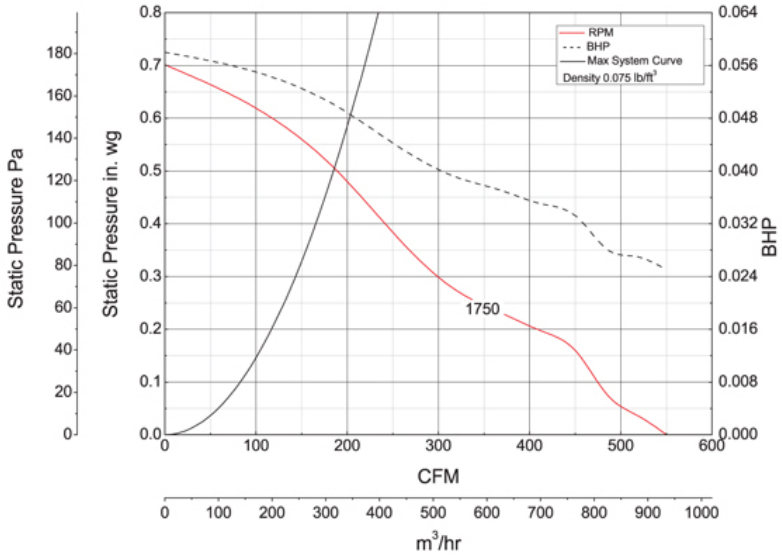
UL/cUL 705

c UL us LISTED
E53236



A	B	C	D
19 in	24 5/8 in	15 1/4 in	5 1/2 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	10 in
Impeller Type	Propeller
Impeller Material	Aluminum
Number of Blades	4
Max Inlet Temp	120 °F
Warranty Length	1 Year

Motor Information

Motor Item Number	4YY56
Voltage	115
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Totally Enclosed Air-Over
RPM	1,750 rpm
Full Load Amps	1.7

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
1/8	0.05	1750	CFM	550	465	347	255	189
			Sones	9.6	10.5	13.2	12.0	16.8

Performance certified is for installation type A: Free inlet, Free outlet. Performance ratings include the effects of a birdscreen in the airstream. 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.