



Stock No.
4YU90

Job Name:
Mark:

Submitted By:
Date:12/18/2025

Power Roof Ventilators

Axial Belt-Drive Downblast Exhaust Ventilator

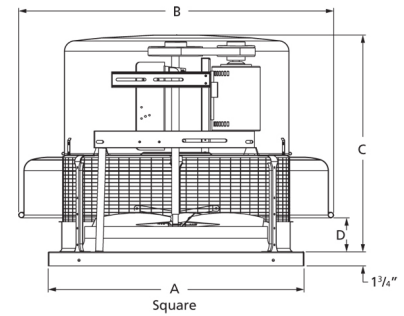


Designed for situations that require steady exhaust of clean air under low-to-moderate static pressures. Spun aluminum construction including a fully rolled bead on the windband, ensures stability and provides rigidity for lifting and transporting.

- Maximum inlet air temperature: 120° F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- Regreaseable pillow block bearings
- UL/cUL 705 Listed for Power Ventilators
- Air handling quality bearings meet minimum of L10-100,000 hours

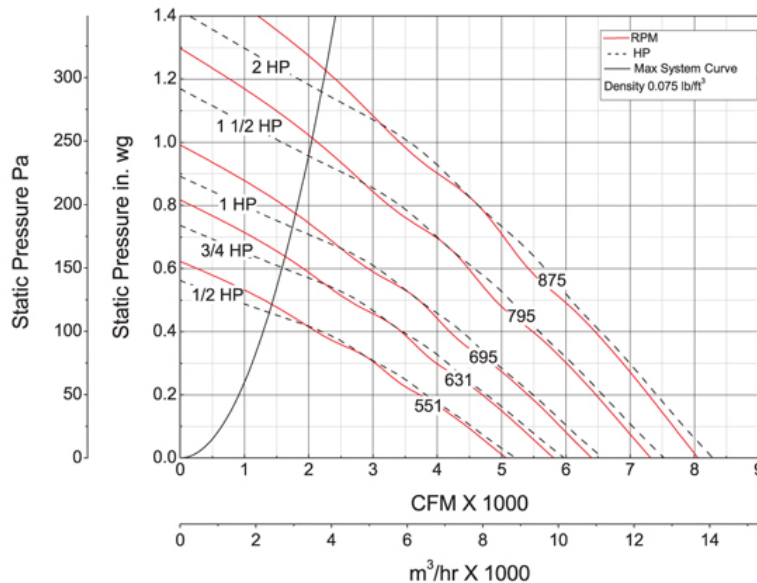


Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



A	B	C	D
42 in	47 1/2 in	34 3/8 in	4 3/4 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	0.500" SP	0.625" SP	0.750" SP	0.875" SP	1.000" SP
1/2	0.48	551	CFM	5073	4292	3337	2349	—	—	—	—	—
			Sones	—	—	—	—	—	—	—	—	—
3/4	0.80	631	CFM	5810	5139	4369	3571	2631	1685	—	—	—
			Sones	—	—	—	—	—	—	—	—	—
1	1.06	695	CFM	6399	5792	5130	4327	3704	2777	1921	—	—
			Sones	—	—	—	—	—	—	—	—	—
1 1/2	1.60	795	CFM	7320	6788	6239	5618	4901	4373	3581	2851	2068
			Sones	—	—	—	—	—	—	—	—	—
2	1.98	875	CFM	8056	7572	7087	6559	5956	5320	4841	4150	3448
			Sones	—	—	—	—	—	—	—	—	—

Performance certified for installation type A: Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings include the effects of a birdscreen in the airstream.