Dayton

Stock No. 48C190

Job Name:
Mark:

Submitted By:
Date:11/29/2026

Power Roof Ventilators

Variable Speed Electronically Commutated (EC) Ventilator



Designed to meet the general clean air exhaust requirements for industrial and commercial buildings. Features a fully rolled windband bead for increased stability and easy transport. Fresh outside air is drawn in under the motor cover to maximize motor life. Energy Saving units feature EC motors which allow up to 80% useable turndown. Motor features potentiometer dial for speed adjustment. Optional Variable-Speed Control Kit (43Y140) can be used to remotely control speed.

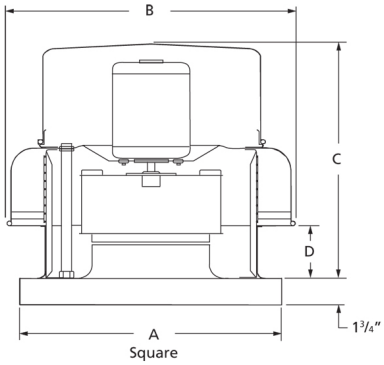
- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 130º F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- High-efficiency brushless DC motor
- UL/cUL 705 Listed for Power Ventilators

GREEN Product
- Variable Speed capable of 80% turn down at a minimum of 85% efficiency at all speeds
- Meets Minimum & Optimize Energy Performance

AMCA Sound & Air

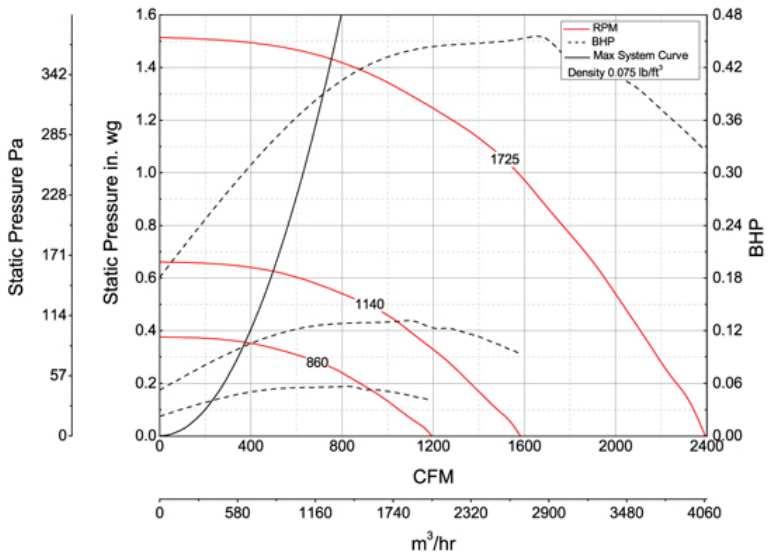
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

UL/cUL 705
E53236



A	B	C	D
19 in	28 3/8 in	23 3/4 in	4 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	13 3/4 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	130 °F
Warranty Length	1 Year

Motor Information

Motor Item Number	43Y138
Voltage	115
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Open
RPM	rpm
Full Load Amps	10.6

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	1.000" SP	1.250" SP	1.500" SP
3/4	0.07	860	CFM	1221	1106	962	727	—	—	—	—	—	—
			Sones	6.6	6.5	6.3	6.0	—	—	—	—	—	—
3/4	0.17	1140	CFM	1618	1535	1444	1340	1211	1031	—	—	—	—
			Sones	10.0	9.8	9.6	9.2	8.8	8.5	—	—	—	—
3/4	0.60	1725	CFM	2448	2393	2338	2281	2220	2159	2089	1935	1746	1474
			Sones	17.4	17.0	16.7	16.3	15.9	15.6	15.4	14.9	14.3	13.8

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 fan sone levels.