Dayton®

Stock No.
5DVP5

Job Name:
Mark:

Submitted By:
Date:12/13/2025

Power Roof Ventilators

Centrifugal Direct-Drive Upblast Wall-Mount Exhaust Ventilator
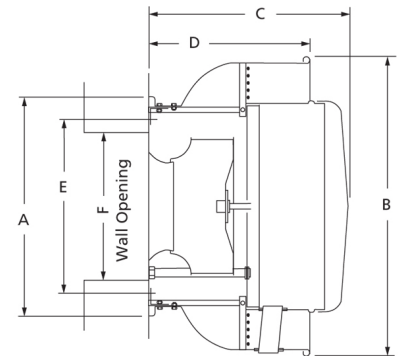
Designed for use in schools, commercial, and industrial applications to exhaust contaminated air, up and away from the building. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

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

AMCA Sound & Air

amca CERTIFIED RATINGS SOUND and AIR PERFORMANCE AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL INC.

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.
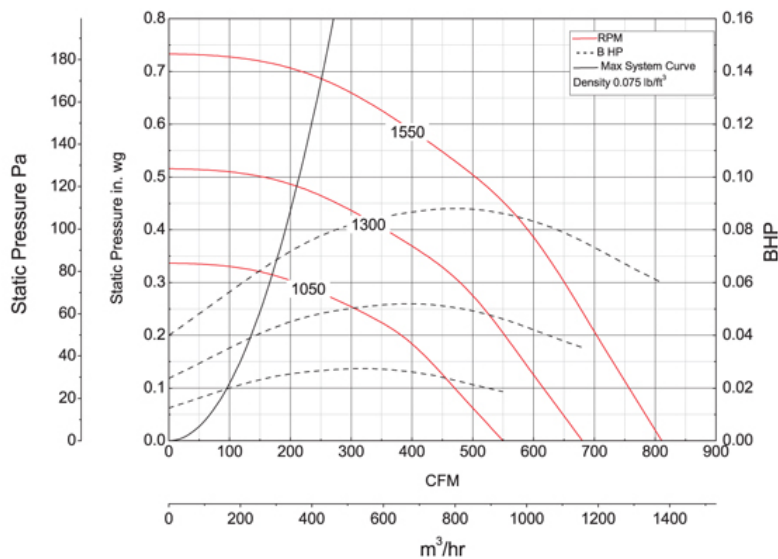
UL/cUL 705

c **(UL)** US LISTED
E53236

CSA Certified Motor

A	B	C	D	E	F
17 7/8 in	21 in	13 3/8 in	11 1/2 in	15 in	10 1/2 in

Performance Characteristics

Construction Features

Impeller Diameter (Typ.)	11 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	130 °F
Warranty Length	1 Year

Motor Information

Motor Item Number	53J557
Voltage	115
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Open Drip Proof
RPM	1,550 rpm, 1,300 rpm, 1,050 rpm
Full Load Amps	

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
1/15	0.09	1050	CFM	549	451	306	—	—	—
			Sones	4.1	3.9	4.2	—	—	—
1/15	0.09	1300	CFM	680	600	517	391	—	—
			Sones	5.5	5.4	5.4	5.6	—	—
1/15	0.09	1550	CFM	811	744	677	604	501	347
			Sones	7.8	7.6	7.5	7.4	7.4	7.8

Performance certified is for installation type A: Free inlet, Free outlet. 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.

Catalog 405, January 2010