Dayton

Stock No.
5DVN2

Job Name:
Mark:

Submitted By:
Date:11/29/2026

Power Roof Ventilators

Centrifugal Belt-Drive Upblast Wall-Mount Exhaust Ventilator



Designed for use in restaurants, schools, commercial, and industrial applications to exhaust contaminated air from kitchen range hoods, up and away from the roof. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

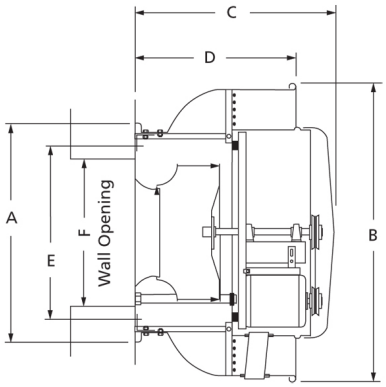
- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 300º F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- UL/cUL 705 Listed for Power Ventilators
- UL/cUL 762 Listed for Restaurant Exhaust Appliances
- 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.

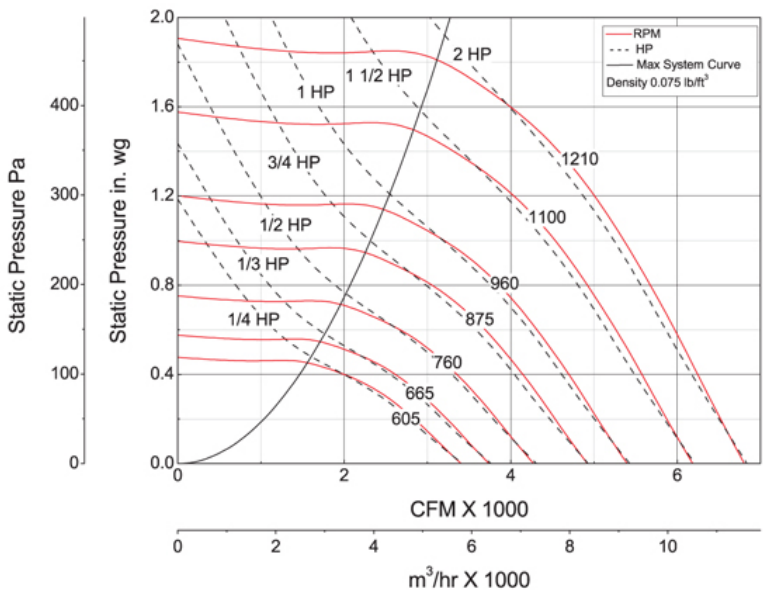
UL/cUL 762

E53236
MH12596



A	B	C	D	E
27 3/4 in	35 3/8 in	34 3/4 in	21 in	25 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	21 1/4 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	300 °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	1.250" SP	1.500" SP	1.750" SP
1/4	0.26	605	CFM	3403	3054	2675	2144	—	—	—	—	—	—	—	—
			Sones	8.1	7.4	6.7	6.1	—	—	—	—	—	—	—	—
1/3	0.35	665	CFM	3740	3422	3096	2699	2073	—	—	—	—	—	—	—
			Sones	9.4	8.8	8.1	7.5	7.0	—	—	—	—	—	—	—
1/2	0.52	760	CFM	4275	3994	3718	3413	3048	2518	—	—	—	—	—	—
			Sones	12.1	11.7	10.9	10.1	9.4	9.0	—	—	—	—	—	—
3/4	0.79	875	CFM	4922	4676	4439	4192	3922	3626	3240	2684	—	—	—	—
			Sones	16.3	16.3	15.2	14.7	13.5	12.9	12.4	12.5	—	—	—	—
1	1.04	960	CFM	5400	5176	4958	4742	4508	4254	3985	3633	3169	—	—	—
			Sones	18.7	18.4	17.7	17.0	16.4	15.6	15.0	14.5	14.4	—	—	—
1 1/2	1.57	1100	CFM	6187	5992	5798	5610	5421	5217	5006	4773	4529	3861	—	—
			Sones	23.0	23.0	23.0	22.0	21.0	21.0	20.0	19.8	19.3	18.6	—	—
2	2.10	1210	CFM	6806	6628	6451	6279	6108	5933	5748	5562	5350	4892	4289	3365
			Sones	25.0	24.0	23.0	23.0	22.0	22.0	21.0	21.0	21.0	19.8	19.7	21.0

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.