Dayton

Stock No. 5DVN4

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.

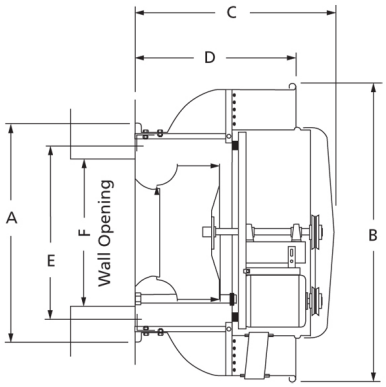
- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 300º F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- UL/cUL 705 Listed for Power Ventilators
- UL/cUL 762 Listed for Restaurant Exhaust Appliances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

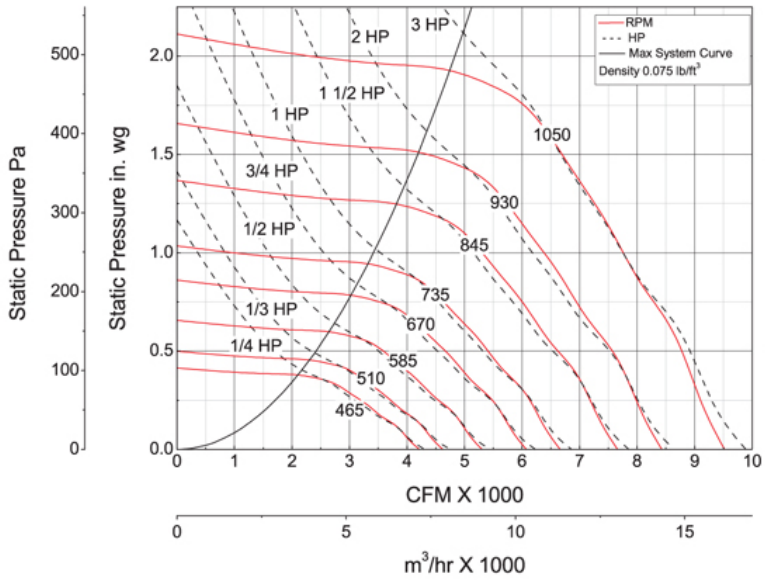
UL/cUL 762

E53236
MH12596



A	B	C	D	E
31 1/4 in	42 3/4 in	39 1/2 in	25 1/2 in	28 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	24 1/2 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	465	CFM	4216	3768	3188	2162	—	—	—	—	—	—	—	—
			Sones	7.6	7.0	6.3	5.9	—	—	—	—	—	—	—	—
1/3	0.34	510	CFM	4623	4243	3717	3134	—	—	—	—	—	—	—	—
			Sones	8.9	8.1	7.3	6.9	—	—	—	—	—	—	—	—
1/2	0.52	585	CFM	5303	4961	4540	4093	3565	—	—	—	—	—	—	—
			Sones	11.5	10.5	9.5	8.8	8.4	—	—	—	—	—	—	—
3/4	0.79	670	CFM	6074	5763	5461	5052	4659	4202	3524	—	—	—	—	—
			Sones	14.3	13.4	12.8	12.2	11.5	11.0	10.6	—	—	—	—	—
1	1.04	735	CFM	6663	6370	6133	5764	5409	5037	4618	4073	—	—	—	—
			Sones	16.6	15.9	15.5	15.1	14.6	13.9	13.4	12.9	—	—	—	—
1 1/2	1.57	845	CFM	7660	7400	7184	6947	6615	6304	6002	5656	5282	—	—	—
			Sones	19.6	19.0	18.6	18.2	17.6	17.0	16.4	15.9	15.4	—	—	—
2	2.10	930	CFM	8431	8194	7985	7798	7536	7233	6953	6683	6375	5706	4324	—
			Sones	24.0	23.0	23.0	22.0	22.0	21.0	19.9	19.3	18.7	17.8	17.9	—
3	3.00	1050	CFM	9519	9309	9107	8941	8775	8534	8267	8005	7766	7253	6672	6005
			Sones	31.0	31.0	31.0	31.0	30.0	29.0	28.0	26.0	25.0	24.0	23.0	22.0

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.