Dayton

Stock No. 16D524

Job Name:
Mark:

Submitted By:
Date:11/29/2026

Power Roof Ventilators

Centrifugal Belt-Drive Upblast 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.

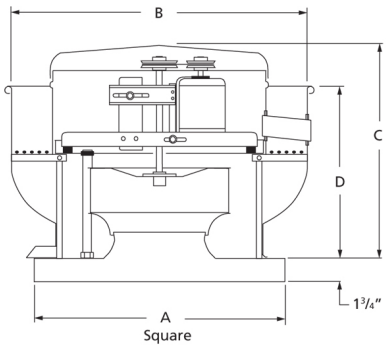
- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 300º F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- Sealed pillow block bearings
- UL/cUL 762 Listed for Restaurant Exhaust Appliances
- Air handling quality bearings meet minimum of L10-100,000 hours

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.

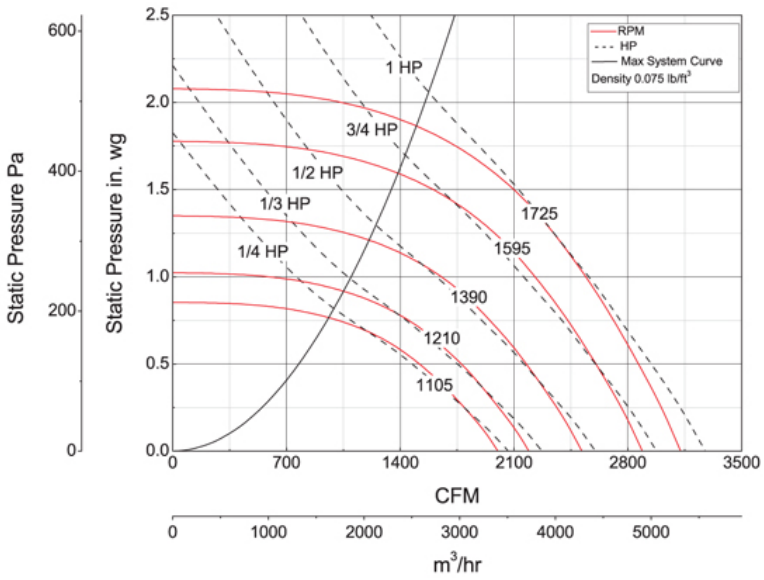
UL/cUL 762

E53236
MH12596



A	B	C	D
22 in	28 7/8 in	26 3/8 in	19 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	14 3/4 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	300 °F
Bearing Type	Sealed 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	1105	CFM	2001	1906	1793	1667	1515	1318	998	—	—	—	—	—
			Sones	10.9	10.8	10.6	10.3	10.0	9.9	9.6	—	—	—	—	—
1/3	0.34	1210	CFM	2192	2106	2006	1896	1773	1628	1443	1158	—	—	—	—
			Sones	12.2	12.2	11.7	11.6	11.2	11.0	10.9	10.6	—	—	—	—
1/2	0.52	1390	CFM	2518	2445	2362	2271	2174	2068	1949	1818	1643	—	—	—
			Sones	14.9	14.7	14.2	13.2	12.9	12.5	12.1	11.4	11.0	—	—	—
3/4	0.79	1595	CFM	2889	2826	2757	2683	2602	2518	2430	2332	2225	1968	1568	—
			Sones	20.0	19.0	18.5	19.5	16.1	14.2	13.3	12.6	12.3	12.6	11.6	—
1	1.00	1725	CFM	3125	3066	3005	2936	2865	2789	2711	2629	2539	2339	2085	1704
			Sones	26.0	23.0	22.0	24.0	24.0	18.0	15.1	14.1	13.4	14.3	13.8	13.8

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.