



Stock No.
1DYK8

Job Name:
Mark:

Submitted By:
Date:12/18/2025

Power Roof Ventilators

Severe-Duty Centrifugal Belt-Drive Upblast Exhaust Ventilator



Designed for heavy grease applications as found in char broilers, solid fuel cooking, and Oriental cooking. Fans are UL 762 listed for all electrical components and grease removal. Units are constructed of heavy gauge steel and utilize a one-piece steel windband that is continuously welded to the curb cap. Clean out port, heat baffle, Nema-1 junction box, and hinged base are included.

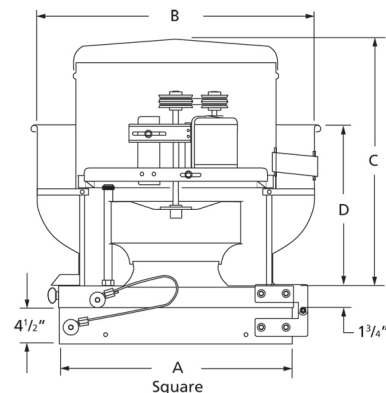
- Clean-out port provides easy wheel access
- Heat baffle provides longer motor life
- NEMA 1 junction box located in motor enclosure
- Nonstick coating on wheel
- Polyester gray coating
- Severe wind applications up to 150 mph
- Maximum inlet air temperature: 400° F

AMCA Sound & Air



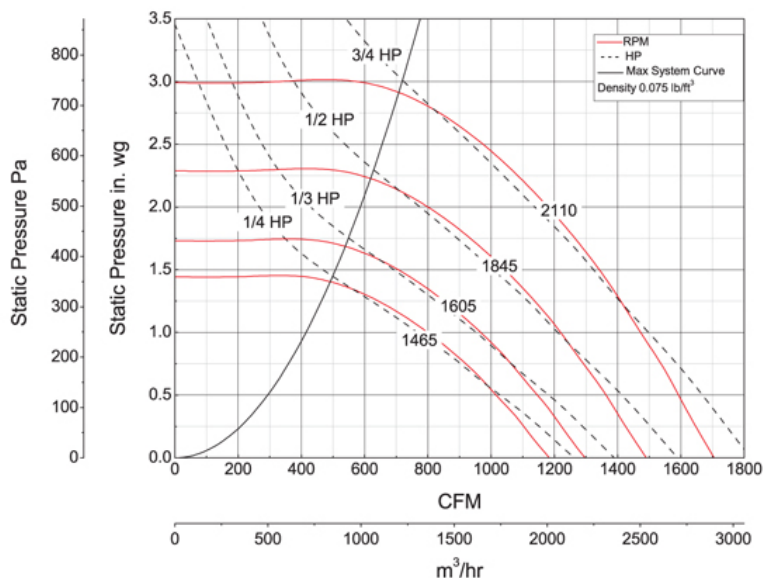
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

UL/cUL 762



A	B	C	D
25 1/8 in	28 7/8 in	30 in	19 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	14 3/4 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Steel
Max Inlet Temp	400 °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 @	0.500" SP	0.625" SP	0.750" SP	0.875" SP	1.000" SP	1.250" SP	1.500" SP	1.750" SP	2.000" SP	2.250" SP	2.500" SP	2.750" SP
1/4	0.26	1465	CFM	1016	970	920	861	798	642	—	—	—	—	—	—
			Sones	14.2	13.7	13.5	13.4	13.2	15.5	—	—	—	—	—	—
1/3	0.34	1605	CFM	1146	1105	1063	1018	965	846	704	—	—	—	—	—
			Sones	15.2	14.7	14.4	14.3	14.2	14.0	15.2	—	—	—	—	—
1/2	0.52	1845	CFM	1363	1328	1292	1255	1219	1137	1042	924	800	—	—	—
			Sones	17.0	16.8	16.6	16.4	16.2	16.0	15.9	15.6	16.1	—	—	—
3/4	0.78	2110	CFM	1592	1565	1536	1504	1473	1409	1341	1262	1178	1073	965	804
			Sones	19.8	19.6	19.3	19.2	19.1	19.0	18.9	18.8	18.6	18.5	18.3	20.0

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.