



Stock No.
1DYK4

Job Name:
Mark:

Submitted By:
Date:9/16/2025

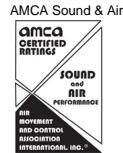
Power Roof Ventilators

Severe-Duty Centrifugal Belt-Drive Upblast Exhaust Ventilator



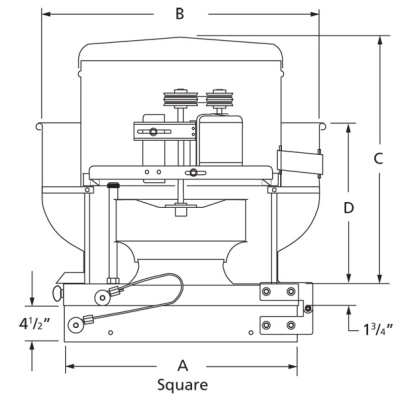
Designed for heavy grease applications as found in char broilers, solid fuel cooking, and Oriental cooking. Fans are UL 762 listed for all electrical components and grease removal. Units are constructed of heavy gauge steel and utilize a one-piece steel windband that is continuously welded to the curb 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



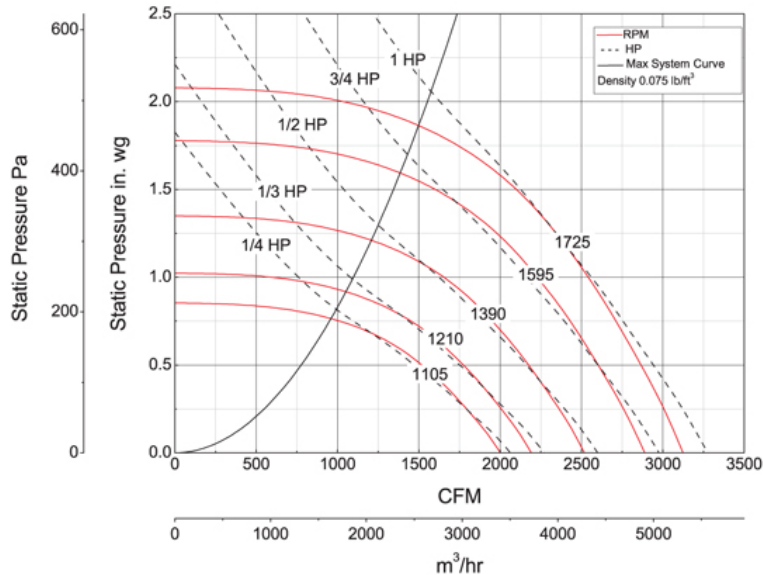
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

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 @	0.000" 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 sonas 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.