

Severe-Duty Centrifugal Belt-Drive Upblast Exhaust Ventilator

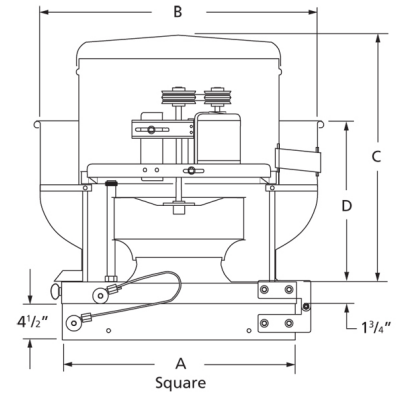


Designed for heavy grease applications as found in char broilers, solid fuel cooking, and Oriental cooking. Fans are UL 762 listed for all electrical components and grease removal. Units are constructed of heavy gauge steel and utilize a one-piece steel windband that is continuously welded to the curb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

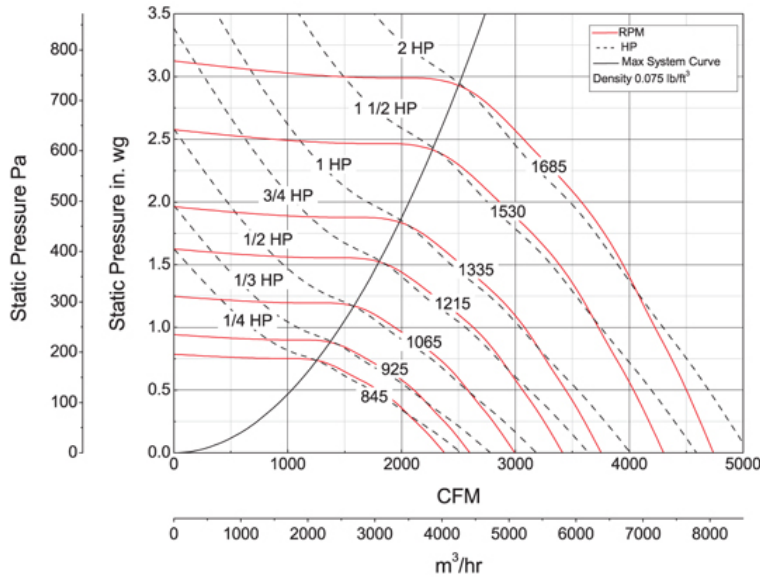


Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



A	B	C	D
29 1/8 in	35 3/8 in	34 in	21 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	18 1/2 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	845	CFM	1799	1544	—	—	—	—	—	—	—	—	—	—
			Sones	9.5	8.5	—	—	—	—	—	—	—	—	—	—
1/3	0.35	925	CFM	2104	1922	1688	—	—	—	—	—	—	—	—	—
			Sones	10.8	10.3	9.8	—	—	—	—	—	—	—	—	—
1/2	0.53	1065	CFM	2581	2466	2323	2139	1933	—	—	—	—	—	—	—
			Sones	13.8	13.3	12.5	12.4	12.4	—	—	—	—	—	—	—
3/4	0.79	1215	CFM	3063	2965	2868	2752	2626	2286	1854	—	—	—	—	—
			Sones	15.0	14.8	14.5	14.2	14.0	13.4	12.9	—	—	—	—	—
1	1.04	1335	CFM	3441	3350	3261	3173	3075	2839	2523	2156	—	—	—	—
			Sones	18.7	18.0	17.4	17.2	17.0	16.6	16.1	15.6	—	—	—	—
1 1/2	1.57	1530	CFM	4035	3963	3884	3805	3728	3574	3376	3135	2859	2534	—	—
			Sones	24.0	23.0	23.0	22.0	22.0	21.0	20.0	19.8	19.3	18.6	—	—
2	2.09	1685	CFM	4495	4435	4369	4298	4226	4085	3945	3768	3575	3325	3061	2766
			Sones	27.0	27.0	26.0	26.0	25.0	26.0	24.0	23.0	22.0	21.0	21.0	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.