

Centrifugal Direct-Drive Upblast Exhaust Ventilator

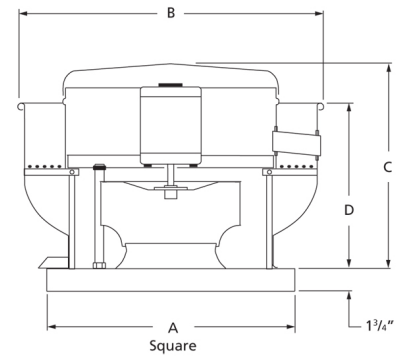


Designed for use in schools, commercial, and industrial applications to exhaust contaminated air, up and away from the roof. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 130° F
- UL/cUL 705 Listed for Power Ventilators
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available

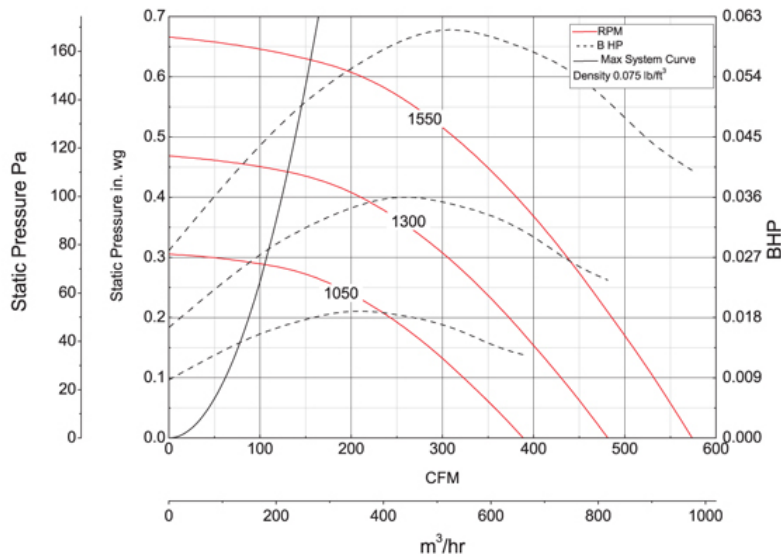


Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



A	B	C	D
19 in	21 in	13 3/8 in	11 1/2 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	11 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	130 °F
Warranty Length	1 Year

Motor Information

Motor Item Number	1AGF8
Voltage	115
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Open Air-Over
RPM	1,550 rpm, 1,300 rpm, 1,050 rpm
Full Load Amps	2.0/1.6/1.3

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
1/20	0.06	1050	CFM	389	305	182	—	—	—
			Sones	4.0	3.9	4.3	—	—	—
1/20	0.06	1300	CFM	481	416	340	235	—	—
			Sones	5.4	5.3	5.3	5.5	—	—
1/20	0.06	1550	CFM	574	520	461	395	312	161
			Sones	7.5	7.4	7.4	7.4	7.6	8.1

Performance certified is for installation type A: Free inlet, Free outlet. 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.