Dayton

Stock No.
5DVR1

Job Name:
Mark:

Submitted By:
Date:11/29/2026

Power Roof Ventilators

Centrifugal Direct-Drive Upblast Wall-Mount 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 building. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

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

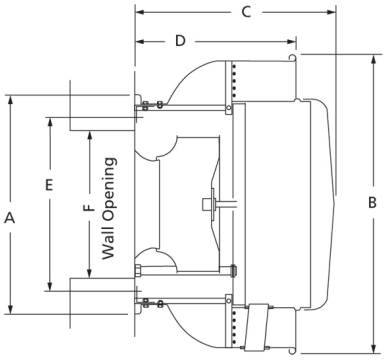
AMCA Sound & Air

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

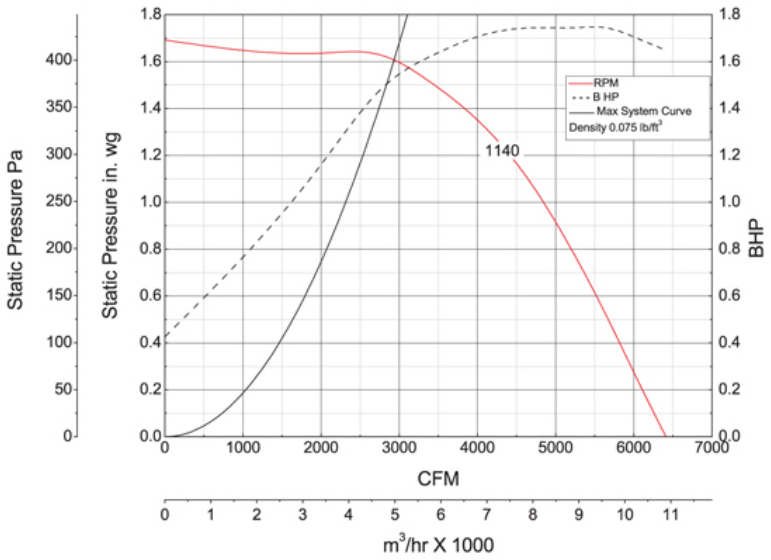
c UL us LISTED
E53236
MH12596

CSA Certified Motor



A	B	C	D	E	F
27 3/4 in	35 3/8 in	28 5/8 in	21 in	25 in	17 1/2 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	21 1/4 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	300 °F
Warranty Length	1 Year

Motor Information

Motor Item Number	53J558
Voltage	208-230/460
Hertz (Cycle)	60 Hz
Motor Phase	3
Motor Enclosure	Open Drip Proof
RPM	1,140 rpm
Full Load Amps	

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
2	1.74	1140	CFM	6412	6224	6036	5855	5674	5479	5283	5063	4837	4276	3445
			Sones	24.0	24.0	23.0	23.0	22.0	22.0	21.0	21.0	20.0	19.2	19.9

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.