Dayton

Stock No. 4HZ41

Job Name:
Mark:

Submitted By:
Date:4/3/2025

Power Roof Ventilators

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

- Aluminum backward inclined, nonoverloading centrifugal wheel design
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- Maximum inlet air temperature: 300º F
- UL/cUL 705 Listed for Power Ventilators
- UL/cUL 762 Listed for Restaurant Exhaust Appliances

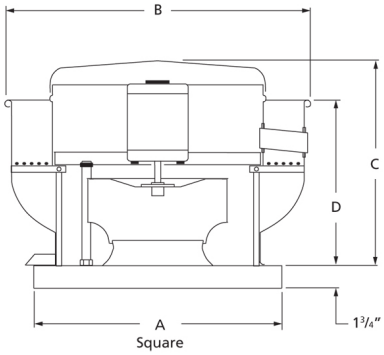
AMCA Sound & Air

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

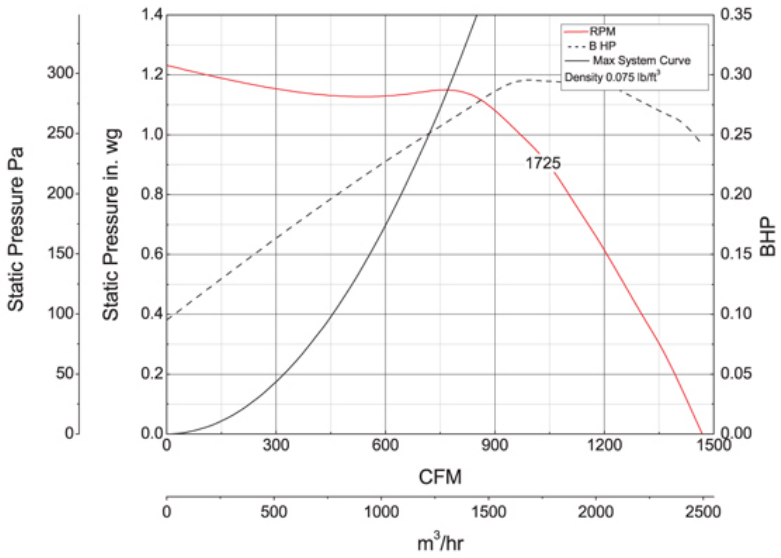
E53236
MH12596

CSA Certified Motor



A	B	C	D
22 in	24 7/8 in	22 in	17 3/8 in

Performance Characteristics



Construction Features

Turns Open	FRPM @ 0 TO	FRPM @ 1/2 TO	FRPM @ 1 TO	FRPM @ 1 1/2 TO	FRPM @ 2 TO	FRPM @ 2 1/2 TO	FRPM @ 3 TO	FRPM @ 3 1/2 TO	1 Year	FRPM @ 4 TO	FRPM @ 4 1/2 TO

Motor Information

Motor Item Number	811
784	757
4YU27	731
Voltage	—
115	**Hertz (Cycle)**
60 Hz	**Motor Phase**
1	**Motor Enclosure**
Open Air-Over	**RPM**
1,725 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	Belt	1/4	0.29	1725	CFM	1468	1422	1373	1315	A28 (QTY: 1)	1255	1195
					Sones	13.3	12.9	12.5	12.0		11.7	11.3

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.