



Stock No.
1MBE8

Job Name:
Mark:

Submitted By:
Date:6/17/2025

Power Roof Ventilators

Assembled Centrifugal Belt-Drive Upblast Exhaust Ventilator



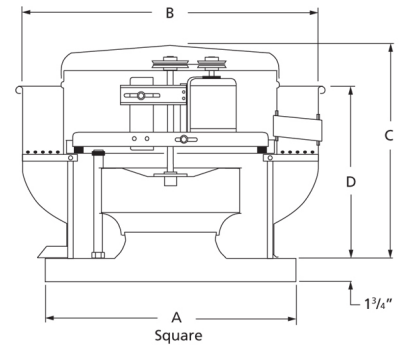
Designed for use in restaurants, schools, commercial, and industrial applications to exhaust contaminated air from kitchen range hoods, up and away from the roof. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 300° F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- Sealed pillow block bearings
- UL/cUL 705 Listed for Power Ventilators
- UL/cUL 762 Listed for Restaurant Exhaust Appliances
- Air handling quality bearings meet minimum of L10-100,000 hours

AMCA Sound & Air
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to use 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.

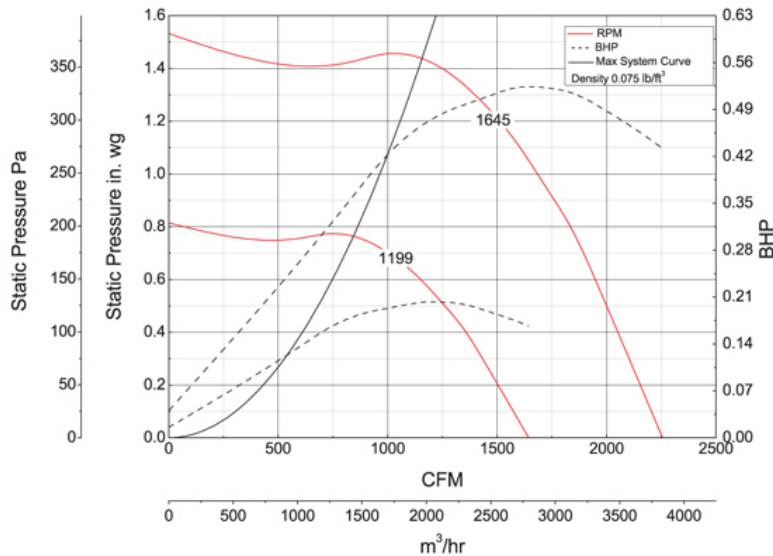
UL/cUL 762
UL US LISTED
E53236
MH12596

CSA Certified Motor



A	B	C	D
22 in	24 7/8 in	25 1/8 in	17 3/8 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	13 1/4 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	300 °F
Bearing Type	Sealed Pillow Block
Drive Package Description	Drives Assembled
Warranty Length	1 Year

Motor Information

Motor Item Number	1AGG3
Voltage	115/208-230
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Open Drip Proof
RPM	1,725 rpm
Full Load Amps	7.2/3.6-3.6

Other Components

Component	Description	Item #
Fan Description	Exhaust Fan	—
Belt	4L23 (QTY: 1)	4L230
Driver Sheave	1VP40x5/8	3X264
Driven Sheave	AK41x3/4	5RJC2

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
1/2	0.52	1645	CFM	2256	2192	2128	2065	2001	1933	1864	1778	1684	1455
			Sones	17.9	17.6	17.4	17.2	16.9	16.5	16.1	15.6	15.1	13.9

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.

Catalog 405, January 2010

Operating Range of Drive Package

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	FRPM @ 4 TO	FRPM @ 4 1/2 TO	FRPM @ 5 TO
Approx. FRPM	1645	1609	1564	1518	1473	1427	1391	1336	1290	1245	1199