

## 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.

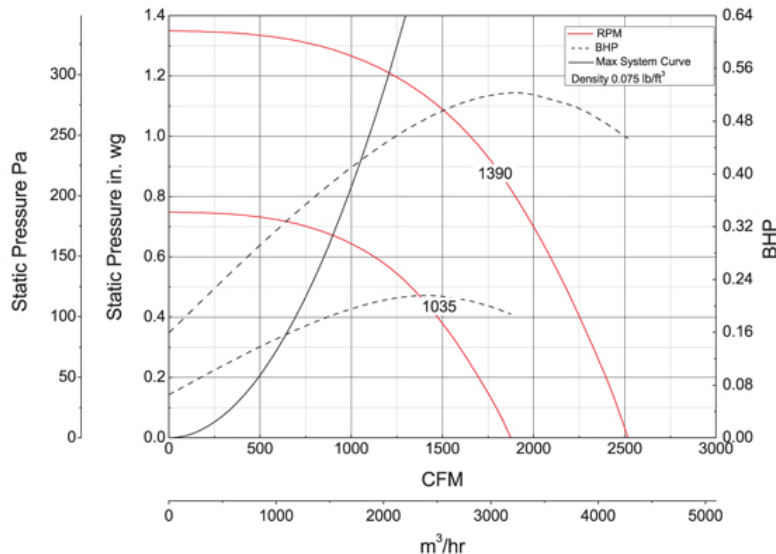
UL/cUL 762  
**UL** US LISTED  
E53236  
MH12596

CSA Certified Motor



A	B	C	D
26 in	28 7/8 in	26 3/8 in	19 3/8 in

## Performance Characteristics



## Construction Features

Impeller Diameter (Typ.)	14 3/4 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	4L27 (QTY: 1)	4L270
Driver Sheave	1VL44x5/8	3X276
Driven Sheave	AK5134	5RJD4
Driven Bushing	H x 3/4	3X573

## 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
1/2	0.52	1390	CFM	2518	2445	2362	2271	2174	2068	1949	1818	1643
			Sones	14.9	14.7	14.2	13.2	12.9	12.5	12.1	11.4	11.0

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.

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	1390	1337	1303	1270	1237	1203	1170	1137	1103	1070	—