

Assembled Centrifugal Belt-Drive Upblast Exhaust Ventilator

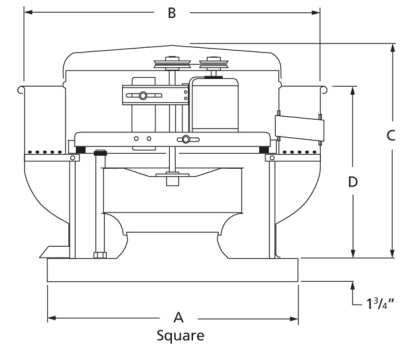
Designed for use in restaurants, schools, commercial, and industrial applications to exhaust contaminated air from kitchen range hoods, up and away from the roof. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

- 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
- Regreaseable 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

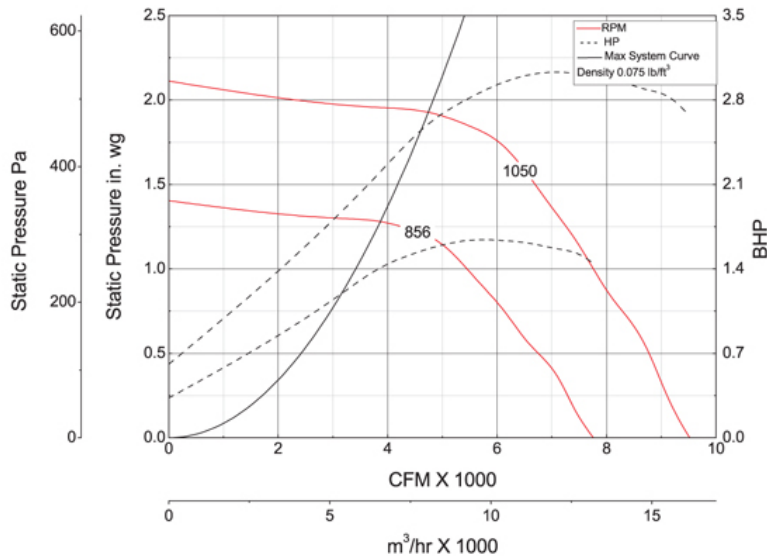
AMCA Sound & Air
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to carry the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified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

UL/cUL 762
UL US LISTED
E53236
MH12596

CSA Certified Motor



A	B	C	D
34 in	42 3/4 in	39 1/2 in	25 1/2 in

Performance Characteristics**Construction Features**

	Impeller Diameter (Typ.)
Impeller Material	8 1/4 in
Impeller Type	Aluminum
Max Inlet Temp	Backward Inclined Centrifugal
Impeller Material	300 °F
Bearing Type	Regreaseable Pillow Block
Aluminum	Drive Package Description
Max Inlet Temp	Drives Assembled
130 °F	Warranty Length
Warranty Length	1 Year

Motor Information

Voltage	Motor Item Number
115	6XWJ0
Hertz (Cycle)	Voltage
60 Hz	Motor Phase
1	Motor Enclosure
208-230/460	Hertz (Cycle)
Totally Enclosed	RPM
60 Hz	Motor Phase
rpm	3
Full Load Amps	Motor Enclosure
3.1	Open Drip Proof
RPM	rpm
Full Load Amps	

Other Components

Component	Description	Item #
Fan Description	Exhaust Fan	—
Belt	A37 (QTY: 1)	6A145
Driver Sheave	1VP56x1-1/8	3X946
Driven Sheave	BK95H	3X600
Driven Bushing	H x 1	3X576

Air & Sound Performance

Impeller Diameter (Typ.)		—
		—
24 1/2 in		—
		—
Impeller Type		—
		—
	1/6	0.06
	1725	CFM
		Sones
	472	413
	8.0	7.0
	355	289
	6.1	6.0

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	1050	1017	997	976	956	936	916	896	876	855	—