

Assembled Centrifugal Belt-Drive Upblast Exhaust Ventilator



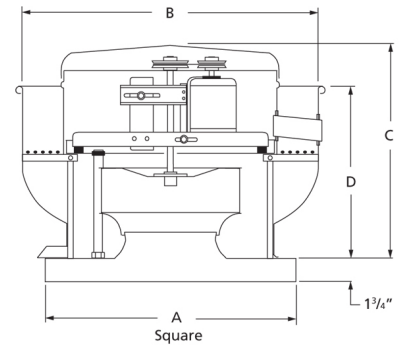
Designed for use in restaurants, schools, commercial, and industrial applications to exhaust contaminated air from kitchen range hoods, up and away from the roof. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

- 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 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.

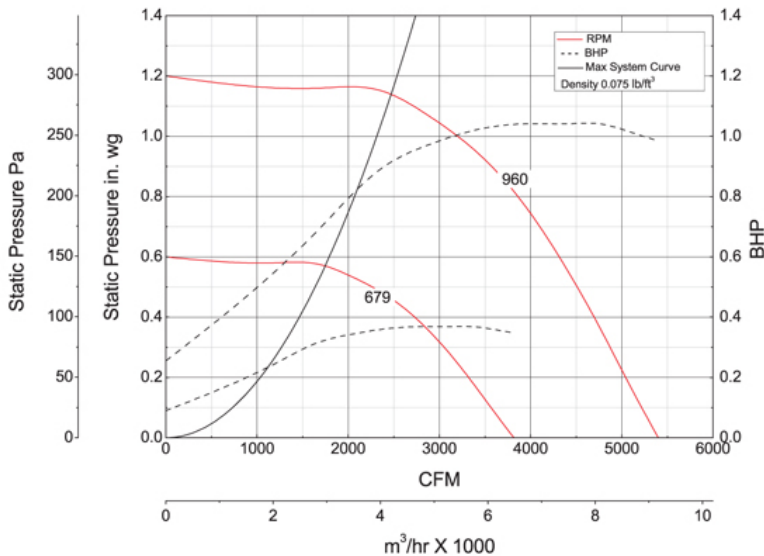


UL/cUL 762
CSA Certified Motor



A	B	C	D
30 in	35 3/8 in	34 3/4 in	21 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
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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

Other Components

Impeller Diameter (Typ.)	Driver Sheave
11 in	1VL40x5/8
Impeller Type	3X264
Driven Sheave	Backward Inclined Centrifugal
AK69H	Impeller Material
4HZ83	Aluminum
Driven Bushing	Max Inlet Temp
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	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. 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

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4YU27	731
Voltage	—
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60 Hz	Motor Phase
1	Motor Enclosure
Open Air-Over	RPM
1,725 rpm	Full Load Amps