

## 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 sell under 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.

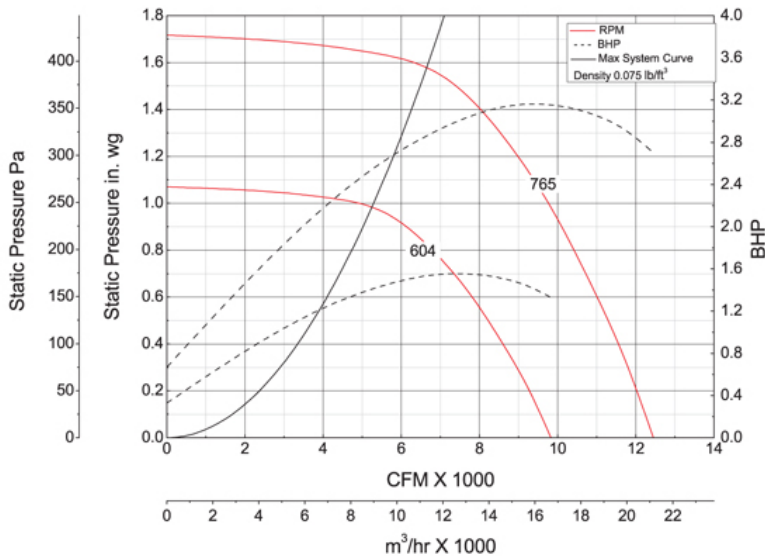


UL/cUL 762  
CSA Certified Motor



A	B	C	D
42 in	50 in	40 in	29 1/4 in

## Performance Characteristics



## Construction Features

<b>Impeller Diameter (Typ.)</b>	30 1/2 in
<b>Impeller Type</b>	Backward Inclined Centrifugal
<b>Impeller Material</b>	Aluminum
<b>Max Inlet Temp</b>	300 °F
<b>Bearing Type</b>	Regreaseable Pillow Block
<b>Drive Package Description</b>	Drives Assembled
<b>Warranty Length</b>	1 Year

## Motor Information

<b>Motor Item Number</b>	6XWJ0
<b>Voltage</b>	208-230/460
<b>Hertz (Cycle)</b>	60 Hz
<b>Motor Phase</b>	3
<b>Motor Enclosure</b>	Open Drip Proof
<b>RPM</b>	rpm
<b>Full Load Amps</b>	

## Other Components

Component	Description	Item #
Fan Description	Exhaust Fan	—
Belt	A46 (QTY: 1)	3X471
Driver Sheave	1VP50x1 1/8	5UHT4
Driven Sheave	BK115QT	5RJG3
Driven Bushing	QTx1	5UH22

## 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	1.500" SP
3	3.15	765	CFM	12,449	12,176	11,904	11,607	11,273	10,939	10,554	10,169	9743	8756	7352
			Sones	24.0	24.0	23.0	22.0	22.0	21.0	21.0	20.0	20.0	18.7	17.0

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	765	736	719	703	686	670	653	637	621	604	—