



Stock No.  
**3GY69**

Job Name:  
Mark:

Submitted By:  
Date:5/1/2025

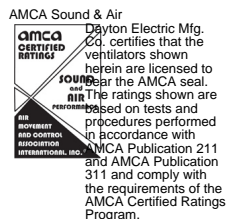
**Power Roof Ventilators**

## Assembled Centrifugal Belt-Drive Downblast Exhaust Ventilator



Designed to meet the general clean air exhaust requirements for industrial and commercial buildings. Features a fully rolled windband bead for increased stability and easy transport. Fresh outside air is drawn in under the motor cover to maximize motor life.

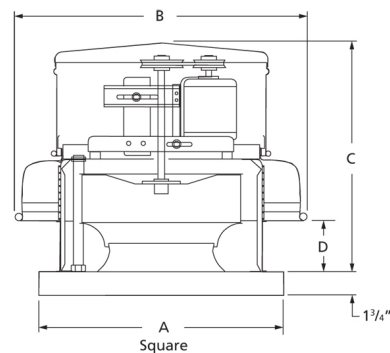
- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 180° F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- Regreaseable pillow block bearings
- Air handling quality bearings meet minimum of L10-100,000 hours
- UL/cUL 705 Listed for Power Ventilators



UL/cUL 705

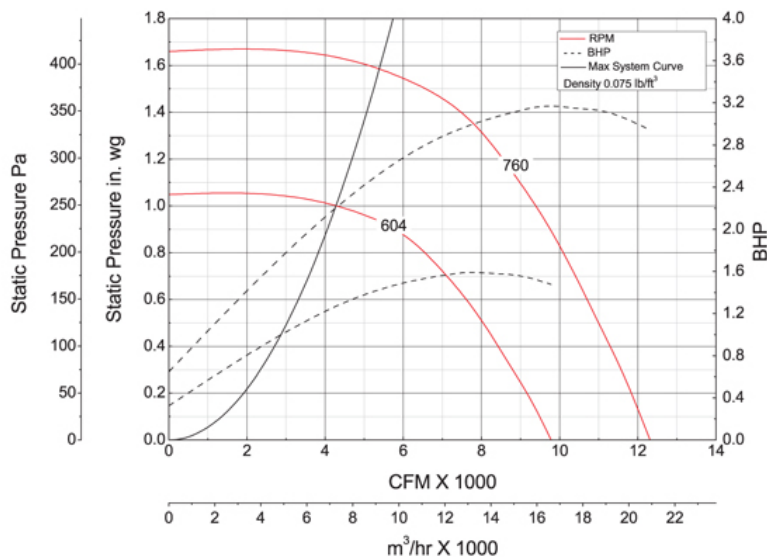


CSA Certified Motor



| A     | B     | C     | D        |
|-------|-------|-------|----------|
| 42 in | 50 in | 36 in | 8 1/4 in |

## Performance Characteristics



## Construction Features

|                           |                               |
|---------------------------|-------------------------------|
| Impeller Diameter (Typ.)  | 30 1/2 in                     |
| Impeller Type             | Backward Inclined Centrifugal |
| Impeller Material         | Aluminum                      |
| Max Inlet Temp            | 180 °F                        |
| Bearing Type              | Regreaseable Pillow Block     |
| Drive Package Description | Drives Assembled              |
| Warranty Length           | 1 Year                        |

## Motor Information

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

## Other Components

| Component       | Description  | Item # |
|-----------------|--------------|--------|
| Fan Description | Exhaust Fan  | —      |
| Belt            | A45 (QTY: 1) | 1A105  |
| Driver Sheave   | 1VP50x1 1/8  | 5UHT4  |
| Driven Sheave   | AL114x1      | 4RYU3  |
| Driven Bushing  | H x 1        | 3X576  |

## 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    | 760     | CFM   | 12,311    | 12,007    | 11,704    | 11,357    | 10,997    | 10,629    | 10,242    | 9836      | 9369      | 8293      | 6437      |
|          |         |         | Sones | 23.0      | 22.0      | 21.0      | 21.0      | 21.0      | 20.0      | 19.8      | 19.3      | 18.6      | 16.8      | 14.0      |

Performance certified for installation type A: Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings include the effects of a birdscreen in the airstream. 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 | 760         | 736           | 719         | 703             | 686         | 670             | 653         | 637             | 621         | 604             | —           |