Job Name: Mark: Submitted By: Date:11/22/2024

## **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 762 Listed for Restaurant Exhaust Appliances
- $\bullet$  Air handling quality bearings meet minimum of L10-100,000 hours

AMCA Sound & A

AMCA

CERTIFIED

RATINGS

SOUND

AMC

CRECOMMACK

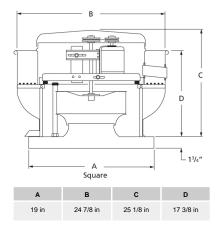
Payton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA sead. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

CUL/GUL 762

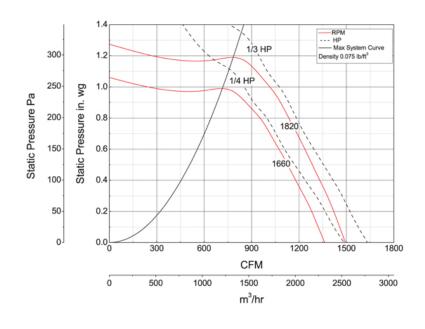
CUL US LISTED

E53236

MH12596



## **Performance Characteristics**



## **Construction Features**

| Impeller Diameter (Typ.)  | 11 1/4 in                     |
|---------------------------|-------------------------------|
| Impeller Type             | Backward Inclined Centrifugal |
| Impeller Material         | Aluminum                      |
| Max Inlet Temp            | 300 °F                        |
| Bearing Type              | Sealed Pillow Block           |
| Drive Package Description | Drives By Others              |
| Warranty Length           | 1 Year                        |

## **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 |
|----------|---------|---------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1/4      | 0.26    | 1660    | CFM   | 1413      | 1365      | 1313      | 1251      | 1189      | 1125      | 1056      | 974       | 861       | _         |
| 1/4 0.20 | 0.20    | 1000    | Sones | 12.7      | 12.3      | 12.0      | 11.6      | 11.3      | 10.8      | 10.2      | 9.6       | 9.4       | _         |
| 1/3      | 0.35    | 1820    | CFM   | 1549      | 1505      | 1459      | 1406      | 1350      | 1293      | 1234      | 1171      | 1106      | 900       |
|          |         |         | Sones | 14.3      | 13.7      | 13.4      | 12.7      | 12.4      | 12.0      | 11.6      | 11.2      | 10.6      | 10.1      |

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, July 2012