

Axial Belt-Drive Downblast Exhaust Ventilator

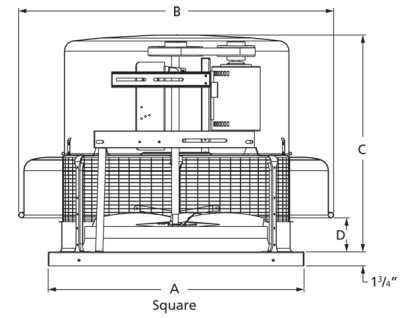


Designed for situations that require steady exhaust of clean air under low-to-moderate static pressures. Spun aluminum construction including a fully rolled bead on the windband, ensures stability and provides rigidity for lifting and transporting.

- Maximum inlet air temperature: 120° 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
- Air handling quality bearings meet minimum of L10-100,000 hours

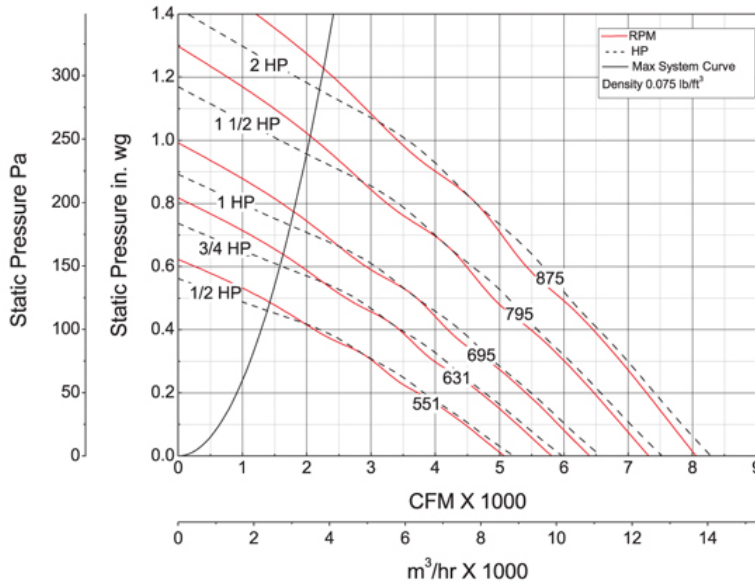


Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



| A | B | C | D |
|-------|-----------|-----------|----------|
| 42 in | 47 1/2 in | 34 3/8 in | 4 3/4 in |

Performance Characteristics



Construction Features

| | |
|----------------------------------|---------------------------|
| Impeller Diameter (Typ.) | 30 in |
| Impeller Type | Propeller |
| Impeller Material | Steel |
| Number of Blades | 5 |
| Max Inlet Temp | 120 °F |
| Bearing Type | Regreaseable 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 |
|----------|---------|---------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1/2 | 0.48 | 551 | CFM | 5073 | 4292 | 3337 | 2349 | — | — | — | — | — |
| | | | Sones | — | — | — | — | — | — | — | — | — |
| 3/4 | 0.80 | 631 | CFM | 5810 | 5139 | 4369 | 3571 | 2631 | 1685 | — | — | — |
| | | | Sones | — | — | — | — | — | — | — | — | — |
| 1 | 1.06 | 695 | CFM | 6399 | 5792 | 5130 | 4327 | 3704 | 2777 | 1921 | — | — |
| | | | Sones | — | — | — | — | — | — | — | — | — |
| 1 1/2 | 1.60 | 795 | CFM | 7320 | 6788 | 6239 | 5618 | 4901 | 4373 | 3581 | 2851 | 2068 |
| | | | Sones | — | — | — | — | — | — | — | — | — |
| 2 | 1.98 | 875 | CFM | 8056 | 7572 | 7087 | 6559 | 5956 | 5320 | 4841 | 4150 | 3448 |
| | | | Sones | — | — | — | — | — | — | — | — | — |

Performance certified is 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.