

Utility Exhaust Belt-Drive Blower

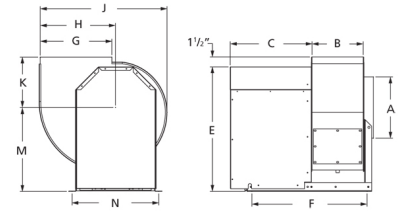


Designed for commercial kitchen exhaust or industrial spark resistant applications requiring high volumes of air at high static pressures. Suitable for ducted exhaust, supply or return-air applications. Constructed out of heavy gauge steel with polyester gray coating. The scroll is welded, has a bolted access door and 1 inch threaded drain connection for easy cleaning.

- Maximum inlet air temperature: 300° F
- UL/cUL 762 Listed for Restaurant Exhaust Appliances
- Polyester gray coating
- Backward incline nonoverloading aluminum wheel
- Aluminum rub ring
- Bolted access door

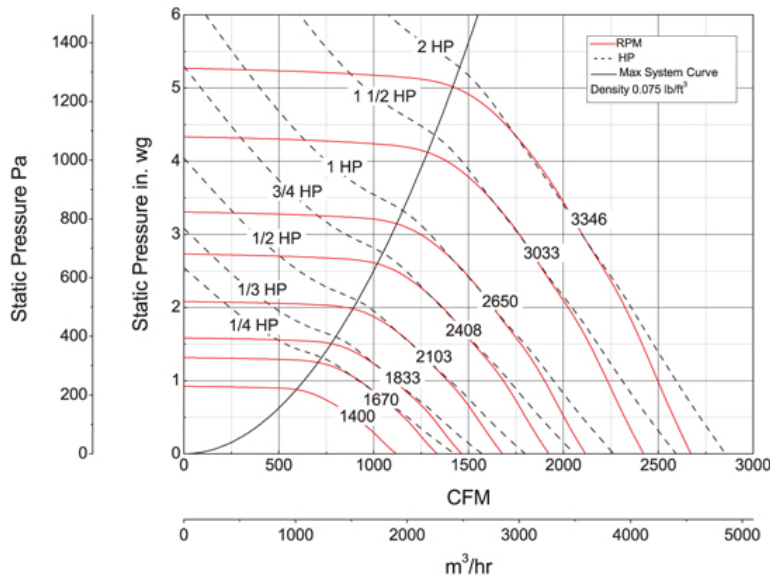


Dayton Electric Mfg. Co. certifies that the blowers shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|
| A | B | C | E | F | G |
| 11 in | 9 3/4 in | 15 1/2 in | 22 1/4 in | 21 7/8 in | 11 1/4 in |
| H | J | K | M | N | |
| 11 1/2 in | 20 1/8 in | 8 5/8 in | 15 1/8 in | 16 in | |

Performance Characteristics



Construction Features

| | |
|----------------------------------|-------------------------------|
| Impeller Diameter (Typ.) | 11 1/8 in |
| Impeller Type | Backward Inclined Centrifugal |
| Impeller Material | Aluminum |
| Max Inlet Temp | 300 °F |
| Bearing Type | Ball |
| 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 | 1.500" SP | 1.750" SP | 2.000" SP | 2.250" SP | 2.500" SP | 2.750" SP | 3.000" SP |
|----------|---------|---------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1/4 | 0.15 | 1400 | CFM | 1118 | 1065 | 1015 | 960 | 893 | 824 | 737 | 564 | — | — | — | — | — | — | — | — | — |
| | | | Sones | 9.3 | 9.0 | 8.7 | 8.4 | 8.0 | 7.7 | 7.4 | 7.1 | — | — | — | — | — | — | — | — | — |
| 1/4 | 0.25 | 1670 | CFM | 1334 | 1289 | 1246 | 1205 | 1158 | 1105 | 1047 | 990 | 922 | 658 | — | — | — | — | — | — | — |
| | | | Sones | 11.5 | 11.1 | 10.8 | 10.5 | 10.1 | 9.8 | 9.5 | 9.3 | 9.1 | 8.5 | — | — | — | — | — | — | — |
| 1/3 | 0.33 | 1833 | CFM | 1464 | 1423 | 1383 | 1346 | 1307 | 1264 | 1215 | 1161 | 1109 | 990 | 738 | — | — | — | — | — | — |
| | | | Sones | 12.9 | 12.6 | 12.3 | 12.0 | 11.7 | 11.3 | 11.1 | 10.9 | 10.6 | 10.1 | 9.6 | — | — | — | — | — | — |
| 1/2 | 0.50 | 2103 | CFM | 1680 | 1644 | 1608 | 1575 | 1542 | 1509 | 1472 | 1434 | 1389 | 1296 | 1198 | 1071 | 788 | — | — | — | — |
| | | | Sones | 15.6 | 15.3 | 15.0 | 14.8 | 14.6 | 14.4 | 14.1 | 13.9 | 13.7 | 13.2 | 12.8 | 12.3 | 11.9 | — | — | — | — |
| 3/4 | 0.75 | 2408 | CFM | 1924 | 1892 | 1861 | 1830 | 1802 | 1773 | 1744 | 1714 | 1681 | 1610 | 1528 | 1449 | 1359 | 1251 | 1112 | — | — |
| | | | Sones | 18.6 | 18.4 | 18.2 | 18.0 | 17.8 | 17.6 | 17.4 | 17.2 | 17.0 | 16.6 | 16.2 | 15.8 | 15.5 | 15.0 | 14.6 | — | — |
| 1 | 1.00 | 2650 | CFM | 2117 | 2088 | 2060 | 2031 | 2005 | 1979 | 1953 | 1926 | 1900 | 1840 | 1776 | 1702 | 1629 | 1555 | 1469 | 1364 | 1237 |
| | | | Sones | 21.0 | 21.0 | 20.0 | 20.0 | 20.0 | 19.8 | 19.6 | 19.4 | 19.3 | 18.9 | 18.6 | 18.2 | 17.8 | 17.5 | 17.0 | 16.6 | 16.1 |
| 1 1/2 | 1.50 | 3033 | CFM | 2423 | 2398 | 2373 | 2348 | 2323 | 2300 | 2277 | 2254 | 2232 | 2186 | 2135 | 2083 | 2024 | 1959 | 1895 | 1832 | 1764 |
| | | | Sones | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 22.0 | 22.0 | 22.0 | 21.0 | 21.0 |
| 2 | 2.00 | 3346 | CFM | 2673 | 2650 | 2628 | 2605 | 2582 | 2560 | 2539 | 2518 | 2498 | 2456 | 2415 | 2370 | 2322 | 2274 | 2217 | 2158 | 2100 |
| | | | Sones | 29.0 | 29.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.0 | 27.0 | 27.0 | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 |

Performance certified is for installation type B: Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified ratings Seal applies to air performance ratings only.