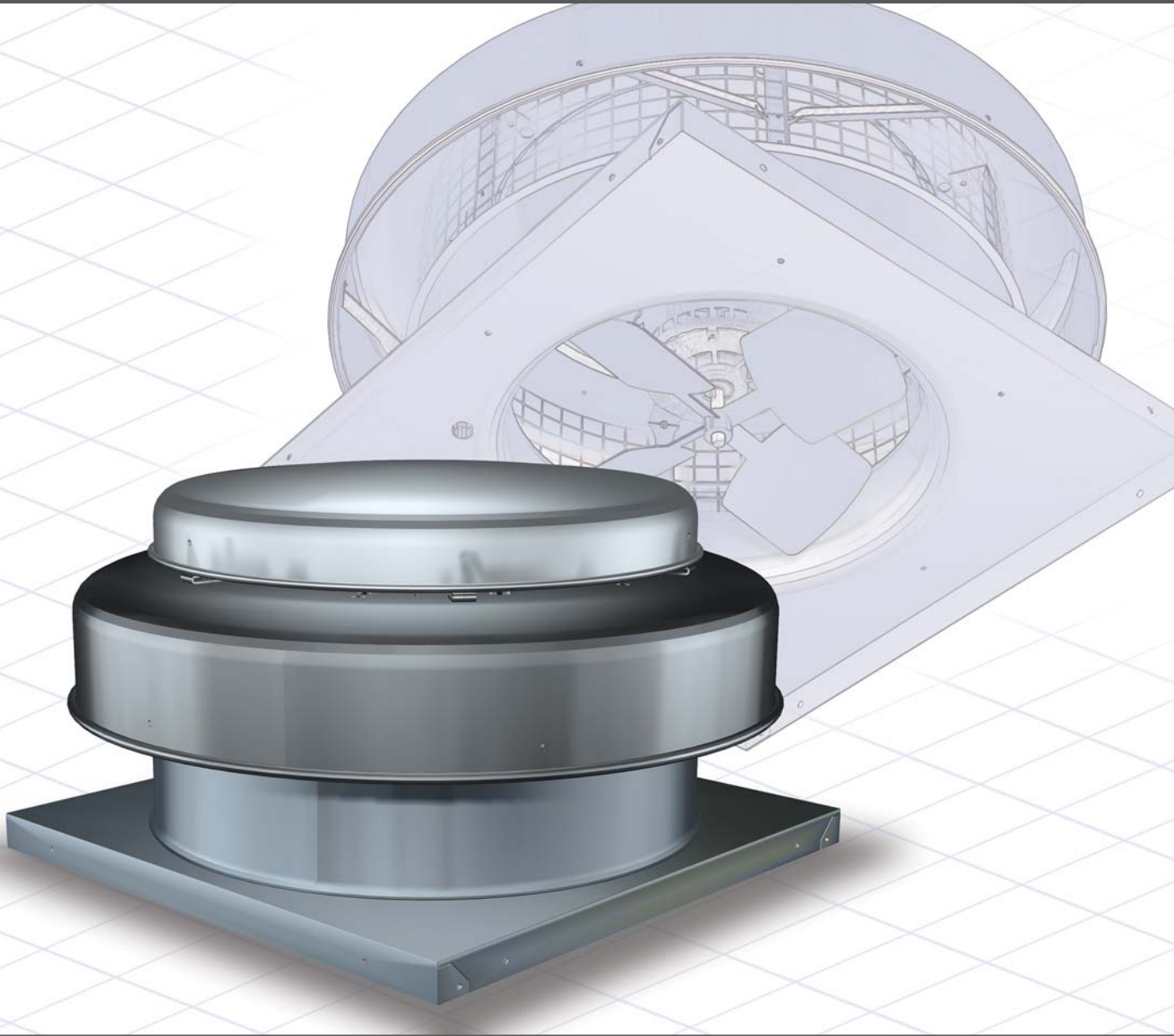


Propeller Hooded Roof Fans

Series A - Models AE and AS

Exhaust and Supply Fans

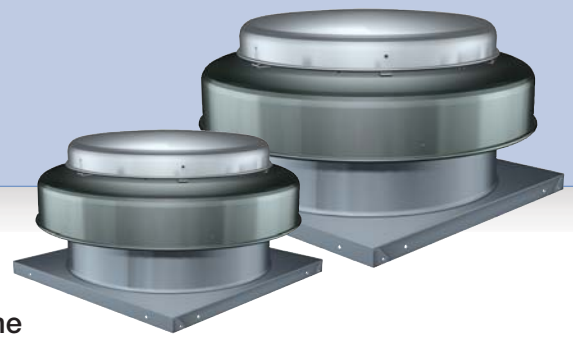


BUILDING VALUE IN AIR.

 **GREENHECK**
Building Value in Air.

September
2005

Model AE and AS Propeller Fans




Greenheck's Models AE (Axial Exhaust) and AS (Axial Supply) spun aluminum direct drive fans are designed for economy and reliability solutions in low pressure/low volume applications. Typical applications include general commercial clean air ventilation.

- Performance capabilities up to 6,000 cfm (10,200 m³/hr) and up to 1.0 in. wg (250 Pa) of static pressure.
- Seven fan sizes are available from 10 in. to 24 in. propeller diameter.
- UL Listed for electrical.
- Performance as cataloged is assured. All fan sizes are tested in an AMCA Accredited Laboratory, and all models are licensed to bear the AMCA sound and air performance seals.
- Greenheck subjects these products to extensive life testing, assuring you that the fans will provide years of reliable performance.



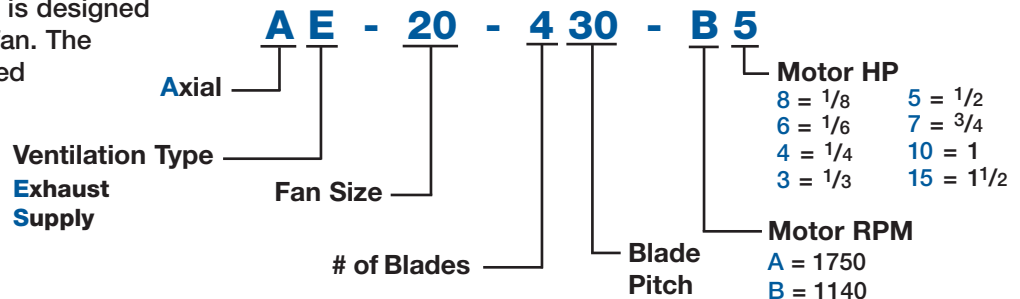
Models AE and AS are listed for electrical (UL/CUL 705) File no. E40001



Greenheck Fan Corporation certifies that the Models AE and AS fans 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 AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program. The certified ratings for Models AS and AE are shown on pages 4 thru 7.

Model Number Code

The Model number system is designed to completely identify the fan. The model number is determined by the ventilation type, fan size and performance selected from pages 4 through 7. A detailed explanation of the model number is shown.



Typical Installation

Models AE and AS fans are designed to meet the needs of general clean air applications. Tests were conducted to assure safe, rugged and reliable operation.

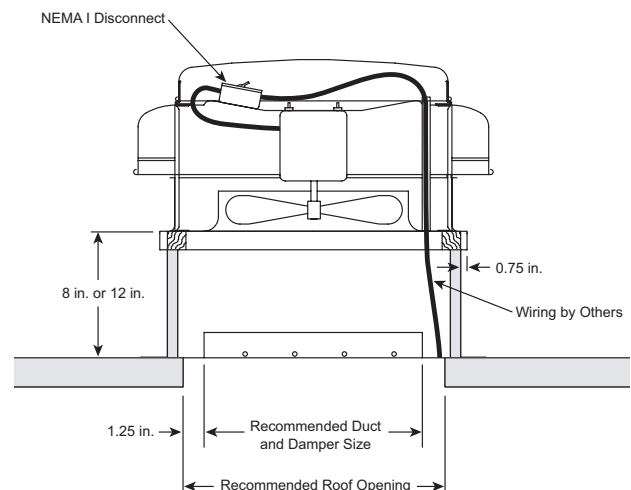
Due to the varying air streams encountered in commercial ventilation, system designers must be aware of national, state, and local codes and guidelines governing these installations. Local code authorities should be consulted before proceeding with any ventilation project.

Internal conduit chase provides means for electrical service connection through fan housing.

When roofing materials extend to the top of the curb, roof curbs should be 1 1/2 inches (3/4 inches on a side) less than the unit curb cap to allow for roofing and flashing.

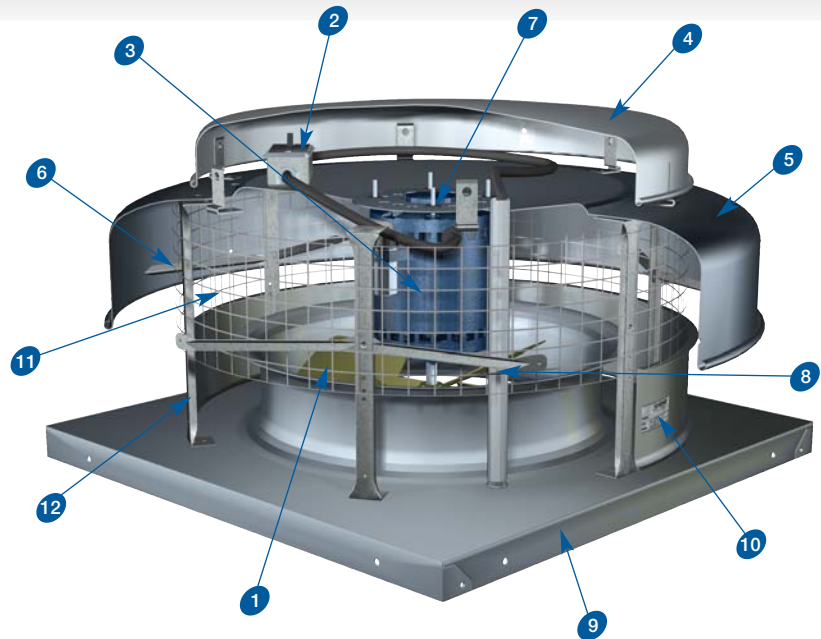
For recommended damper size and roof opening dimensions, refer to the dimensional data pages.

Installation must include a means for inspecting, cleaning and servicing the fan.



Standard Construction Features

- 1 **PROPELLER** – Fabricated aluminum propeller with steeply pitched blade designed for low rpm, which generates low sound levels. Each propeller is statically and dynamically balanced for long life and quiet operation.
- 2 **SWITCH** – NEMA 1 switch is factory mounted and wiring is provided from the motor as standard (other switches are available). All wiring and electrical components comply with the National Electric Codes (NEC) and are either UL listed or recognized.
- 3 **MOTOR** – Carefully matched to the fan load and is mounted in the airstream. All motors are compatible with speed controller except “A” speed motors on the size 20.
- 4 **MOTOR COVER** – Constructed of aluminum and attached with stainless steel hardware for easy removal and access to motor.
- 5 **FAN SHROUD** – One piece, heavy gauge aluminum with a rolled bead for extra strength.
- 6 **SHROUD BRACES** – Adds structural integrity to the shroud.
- 7 **VIBRATION ISOLATION** – Vibration isolators support the motor and propeller for long life and quiet operation.
- 8 **INTERNAL CONDUIT CHASE** – A large diameter conduit for installing electrical wiring through the curb cap into the motor compartment.
- 9 **CURB CAP** – Curb cap and integral deep spun venturi inlet are constructed of aluminum to prevent corrosion. Curb cap has 5/16 in. (8 mm) prepunched mounting holes to ensure correct attachment to the roof.
- 10 **NAME PLATE** – Permanent stamped aluminum plate for exact model and serial number identification.
- 11 **GALVANIZED BIRDSCREEN** – 1/2 inch square galvanized rigid wire mesh protects the fan’s discharge from birds or small objects.
- 12 **LOWER WINDBAND** – Heavy gauge aluminum with formed edges for added strength and weather resistance.



Options and Accessories

ROOF CURBS –

Prefabricated roof curbs reduce installation time and costs by ensuring compatibility between the fan, the curb, and roof opening.

A wide variety of roof curbs are available, including: flanged, pitched, and sound-absorbing.

CURB EXTENSION –

Extensions raise the fan discharge above the roof line and provide an accessible mounting location for dampers.

ALUMINUM BIRDSCREEN – 1/2 inch square aluminum wire mesh protects the fan’s discharge from birds or small objects.

SPEED CONTROLLERS – Available for providing an economical means of system balancing with direct drive fans.

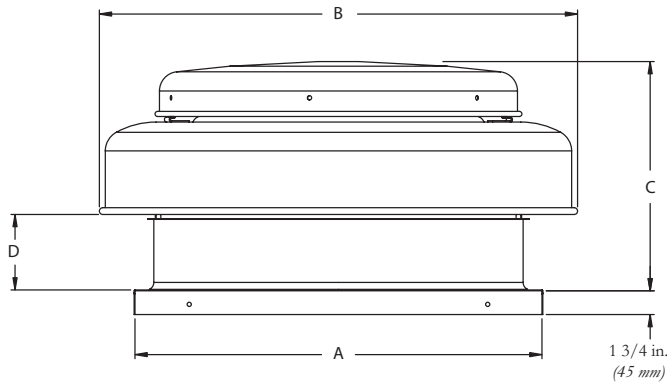
DAMPERS – Designed to prevent outside air from entering back into the building when fan is off. Includes: gravity and motorized dampers. Removable damper sizes are shown on each performance data page.

COATINGS – Wide variety of coatings and colors are available.

Greenheck coatings and resistance charts can be found in the coatings bulletin.

DISCONNECT SWITCHES – A wide selection of Nema rated switches are available for positive electrical shutoff and safety, including: dust-tight, rainproof, and corrosion-resistant. Switches may be internally or externally mounted.

AE - Axial Exhaust Dimensions

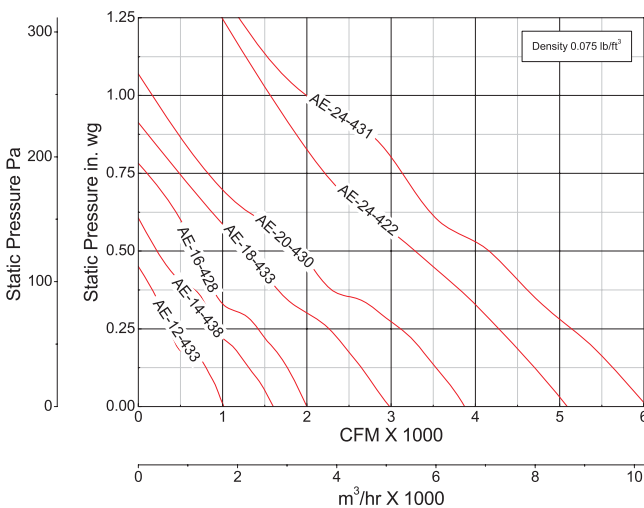


| Dimensional Data | Model AE Size | | | | | | |
|------------------------------|--|--|--|--|--|--|--|
| | 10 | 12 | 14 | 16 | 18 | 20 | 24 |
| A - Curb Cap | 19 (483) | 22 (559) | 22 (559) | 26 (660) | 30 (762) | 34 (863) | 34 (863) |
| B | 24 $\frac{3}{4}$ (625) | 28 $\frac{3}{4}$ (727) | 28 $\frac{3}{4}$ (727) | 35 $\frac{1}{4}$ (895) | 35 $\frac{1}{4}$ (895) | 42 (1067) | 42 (1067) |
| C | 15 $\frac{1}{2}$ (394) | 16 $\frac{1}{2}$ (419) | 16 $\frac{1}{2}$ (419) | 17 $\frac{1}{4}$ (438) | 17 $\frac{1}{4}$ (438) | 17 $\frac{1}{2}$ (445) | 17 $\frac{1}{2}$ (445) |
| D | 5 $\frac{1}{2}$ (140) | 6 $\frac{1}{4}$ (159) | 6 $\frac{1}{4}$ (159) | 6 $\frac{1}{4}$ (159) | 6 $\frac{1}{4}$ (159) | 6 $\frac{1}{4}$ (159) | 6 $\frac{1}{4}$ (159) |
| Damper Size | 12 x 12 (305 x 305) | 12 x 12 (305 x 305) | 14 x 14 (356 x 356) | 16 x 16 (406 x 406) | 18 x 18 (457 x 457) | 24 x 24 (610 x 610) | 24 x 24 (610 x 610) |
| Roof Opening | 14 $\frac{1}{2}$ x 14 $\frac{1}{2}$ (368 x 368) | 14 $\frac{1}{2}$ x 14 $\frac{1}{2}$ (368 x 368) | 16 $\frac{1}{2}$ x 16 $\frac{1}{2}$ (419 x 419) | 18 $\frac{1}{2}$ x 18 $\frac{1}{2}$ (470 x 470) | 20 $\frac{1}{2}$ x 20 $\frac{1}{2}$ (521 x 521) | 26 $\frac{1}{2}$ x 26 $\frac{1}{2}$ (673 x 673) | 26 $\frac{1}{2}$ x 26 $\frac{1}{2}$ (673 x 673) |
| Shroud Thickness | 0.050 (1) | 0.050 (1) | 0.050 (1) | 0.063 (2) | 0.063 (2) | 0.063 (2) | 0.063 (2) |
| Motor Cover Thickness | 0.050 (1) | 0.050 (1) | 0.050 (1) | 0.050 (1) | 0.050 (1) | 0.050 (1) | 0.050 (1) |
| Unit Weight lbs (kg) | 34 (15) | 44 (20) | 51 (23) | 63 (29) | 70 (32) | 97 (44) | 89 (40) |

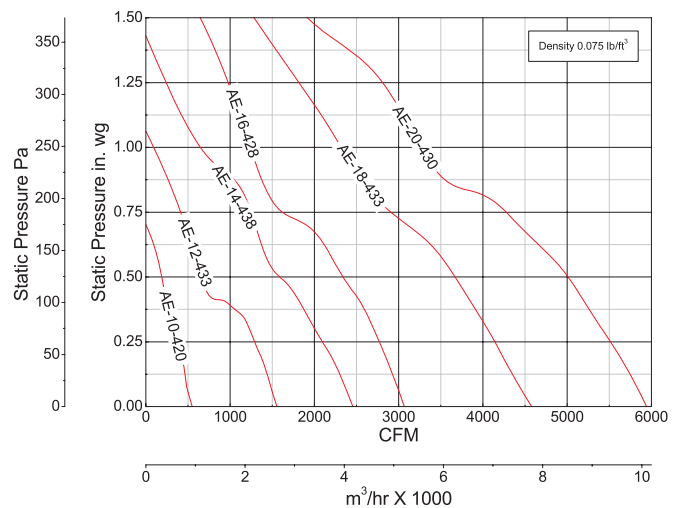
All dimensions in inches (millimeters).

AE - Axial Exhaust Performance Charts

1140 RPM



1750 RPM



AE - Axial Exhaust Performance

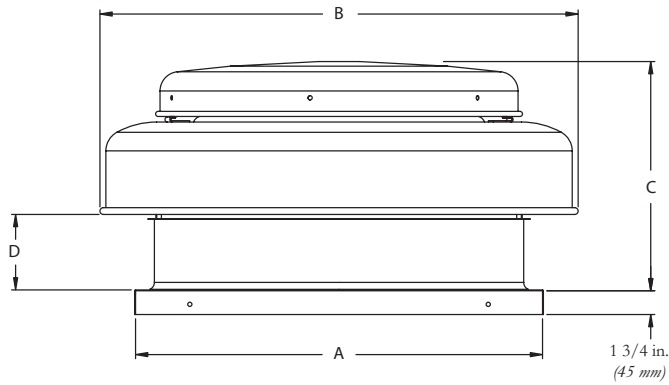


| Model Number | HP (Size) | Fan RPM | CFM / Static Pressure in Inches WG | | | | | | | | | | |
|----------------|-----------|---------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | 0 | 0.10 | 0.125 | 0.20 | 0.25 | 0.375 | 0.50 | 0.625 | 0.75 | 1.0 | |
| AE-10-420-A8 | 1/8 | 1750 | CFM | 550 | 475 | 465 | 409 | 347 | 255 | 189 | | | |
| | | | BHP | 0.025 | 0.03 | 0.031 | 0.035 | 0.038 | 0.044 | 0.05 | | | |
| | | | Sones | 9.6 | 10.4 | 10.5 | 11.9 | 13.2 | 12.0 | 16.8 | | | |
| AE-12-433-B6 | 1/6 | 1140 | CFM | 1014 | 853 | 803 | 458 | 376 | 144 | | | | |
| | | | BHP | 0.03 | 0.036 | 0.037 | 0.039 | 0.044 | 0.052 | | | | |
| | | | Sones | 5.1 | 5.1 | 5.1 | 7.0 | 7.4 | 8.6 | | | | |
| AE-12- 433-A4 | 1/4 | 1750 | CFM | 1556 | 1460 | 1437 | 1355 | 1291 | 1055 | 672 | 538 | 386 | |
| | | | BHP | 0.107 | 0.112 | 0.115 | 0.125 | 0.131 | 0.135 | 0.146 | 0.165 | 0.176 | |
| | | | Sones | 9.0 | 8.9 | 8.8 | 8.9 | 8.9 | 10.5 | 14.5 | 15.0 | 15.7 | |
| AE-14- 438-B6 | 1/6 | 1140 | CFM | 1601 | 1381 | 1311 | 1092 | 925 | 626 | 273 | | | |
| | | | BHP | 0.093 | 0.1 | 0.102 | 0.098 | 0.1 | 0.111 | 0.119 | | | |
| | | | Sones | 8.2 | 7.6 | 7.5 | 8.0 | 8.4 | 9.6 | 10.7 | | | |
| AE-14-438-A5 | 1/2 | 1750 | CFM | 2457 | 2332 | 2298 | 2186 | 2093 | 1875 | 1603 | 1381 | 1244 | 716 |
| | | | BHP | 0.337 | 0.342 | 0.345 | 0.357 | 0.365 | 0.369 | 0.355 | 0.369 | 0.393 | 0.41 |
| | | | Sones | 16.8 | 16.4 | 16.3 | 16.2 | 16.2 | 16.1 | 19.2 | 19.5 | 18.4 | 22 |
| AE-16- 428-B6 | 1/6 | 1140 | CFM | 1999 | 1817 | 1764 | 1563 | 1418 | 904 | 682 | | | |
| | | | BHP | 0.092 | 0.103 | 0.108 | 0.119 | 0.124 | 0.127 | 0.14 | | | |
| | | | Sones | 10.5 | 9.2 | 9.0 | 8.6 | 8.4 | 12.2 | 11.6 | | | |
| AE-16- 428-A5 | 1/2 | 1750 | CFM | 3068 | 2958 | 2928 | 2834 | 2771 | 2590 | 2339 | 2112 | 1686 | 1257 |
| | | | BHP | 0.334 | 0.348 | 0.352 | 0.367 | 0.377 | 0.413 | 0.435 | 0.452 | 0.448 | 0.478 |
| | | | Sones | 17.9 | 17.2 | 17.1 | 16.4 | 16.1 | 15.7 | 15.5 | 15.2 | 25 | 21 |
| AE-18- 433-B3 | 1/3 | 1140 | CFM | 2982 | 2713 | 2645 | 2423 | 2264 | 1669 | 1276 | 881 | 499 | |
| | | | BHP | 0.249 | 0.266 | 0.27 | 0.28 | 0.286 | 0.285 | 0.298 | 0.319 | 0.346 | |
| | | | Sones | 11.7 | 11.2 | 11.1 | 11.2 | 11.4 | 14.8 | 14.4 | 15.0 | 17.1 | |
| AE-18- 433-A10 | 1 | 1750 | CFM | 4578 | 4395 | 4349 | 4224 | 4141 | 3908 | 3660 | 3357 | 2935 | 2327 |
| | | | BHP | 0.902 | 0.924 | 0.93 | 0.953 | 0.968 | 0.995 | 1.02 | 1.041 | 1.039 | 1.045 |
| | | | Sones | 28 | 28 | 28 | 29 | 29 | 29 | 28 | 28 | 29 | 31 |
| AE-20- 430-B5 | 1/2 | 1140 | CFM | 3871 | 3606 | 3531 | 3300 | 3100 | 2301 | 1925 | 1313 | | |
| | | | BHP | 0.258 | 0.282 | 0.289 | 0.305 | 0.318 | 0.331 | 0.361 | 0.378 | | |
| | | | Sones | 11.3 | 10.9 | 10.9 | 11.2 | 11.7 | 13.7 | 16.8 | 15.7 | | |
| AE-20- 430-A15 | 1½ | 1750 | CFM | 5943 | 5785 | 5745 | 5605 | 5507 | 5260 | 5007 | 4650 | 4246 | 3295 |
| | | | BHP | 0.932 | 0.967 | 0.975 | 1.006 | 1.027 | 1.075 | 1.113 | 1.169 | 1.211 | 1.238 |
| | | | Sones | 23 | 22 | 22 | 22 | 23 | 23 | 25 | 24 | 25 | 35 |
| AE-24- 422-B5 | 1/2 | 1140 | CFM | 5091 | 4782 | 4703 | 4452 | 4277 | 3813 | 3279 | 2700 | 2252 | |
| | | | BHP | 0.521 | 0.541 | 0.546 | 0.563 | 0.577 | 0.6 | 0.625 | 0.625 | 0.641 | |
| | | | Sones | 17.2 | 14.2 | 13.9 | 13.7 | 13.6 | 13.4 | 17.0 | 21 | 21 | |
| AE-24- 431-B10 | 1 | 1140 | CFM | 6042 | 5714 | 5626 | 5361 | 5137 | 4619 | 4146 | 3476 | 3136 | 2028 |
| | | | BHP | 1.003 | 1.024 | 1.028 | 1.039 | 1.053 | 1.087 | 1.098 | 1.073 | 1.119 | 1.167 |
| | | | Sones | 19.8 | 20 | 21 | 20 | 20 | 20 | 21 | 24 | 24 | 24 |

Performance certified is for Model AE exhaust for installation type A: Free inlet, Free outlet. 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 fan sone levels.

AS - Axial Supply Dimensions

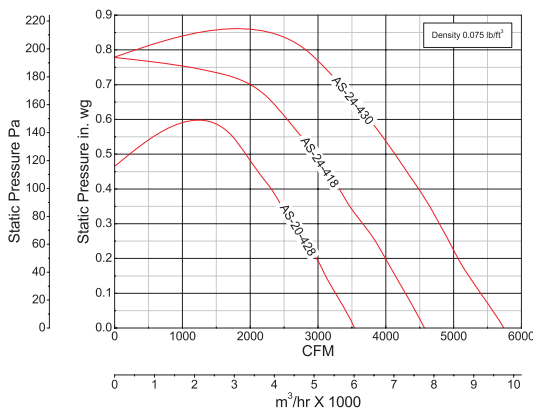


| Dimensional Data | Model AS Size | | | | | | |
|------------------------------|--|--|--|--|--|--|--|
| | 10 | 12 | 14 | 16 | 18 | 20 | 24 |
| A - Curb Cap | 19 (483) | 22 (559) | 22 (559) | 26 (660) | 30 (762) | 34 (863) | 34 (863) |
| B | 24 $\frac{3}{4}$ (625) | 28 $\frac{5}{8}$ (727) | 28 $\frac{5}{8}$ (727) | 35 $\frac{1}{4}$ (895) | 35 $\frac{1}{4}$ (895) | 42 (1067) | 42 (1067) |
| C | 15 $\frac{1}{2}$ (394) | 16 $\frac{1}{2}$ (419) | 16 $\frac{1}{2}$ (419) | 17 $\frac{1}{4}$ (438) | 17 $\frac{1}{4}$ (438) | 17 $\frac{1}{2}$ (445) | 17 $\frac{1}{2}$ (445) |
| D | 5 $\frac{1}{2}$ (140) | 6 $\frac{1}{4}$ (159) | 6 $\frac{1}{4}$ (159) | 6 $\frac{1}{4}$ (159) | 6 $\frac{1}{4}$ (159) | 6 $\frac{1}{4}$ (159) | 6 $\frac{1}{4}$ (159) |
| Damper Size | 12 x 12 (305 x 305) | 12 x 12 (305 x 305) | 14 x 14 (356 x 356) | 16 x 16 (406 x 406) | 18 x 18 (457 x 457) | 24 x 24 (610 x 610) | 24 x 24 (610 x 610) |
| Roof Opening | 14 $\frac{1}{2}$ x 14 $\frac{1}{2}$ (368 x 368) | 14 $\frac{1}{2}$ x 14 $\frac{1}{2}$ (368 x 368) | 16 $\frac{1}{2}$ x 16 $\frac{1}{2}$ (419 x 419) | 18 $\frac{1}{2}$ x 18 $\frac{1}{2}$ (470 x 470) | 20 $\frac{1}{2}$ x 20 $\frac{1}{2}$ (521 x 521) | 26 $\frac{1}{2}$ x 26 $\frac{1}{2}$ (673 x 673) | 26 $\frac{1}{2}$ x 26 $\frac{1}{2}$ (673 x 673) |
| Shroud Thickness | 0.050 (1) | 0.050 (1) | 0.050 (1) | 0.063 (2) | 0.063 (2) | 0.063 (2) | 0.063 (2) |
| Motor Cover Thickness | 0.050 (1) | 0.050 (1) | 0.050 (1) | 0.050 (1) | 0.050 (1) | 0.050 (1) | 0.050 (1) |
| Unit Weight lbs (kg) | 34 (15) | 44 (20) | 51 (23) | 63 (29) | 70 (32) | 97 (44) | 89 (40) |

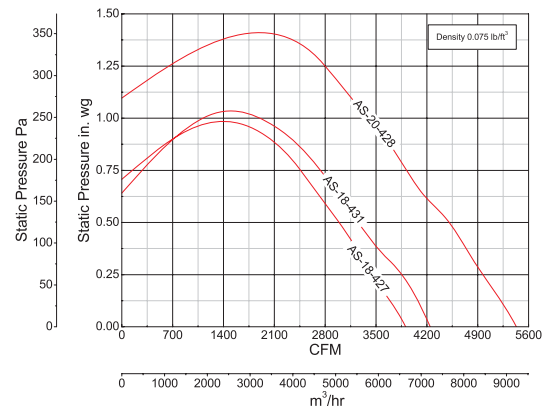
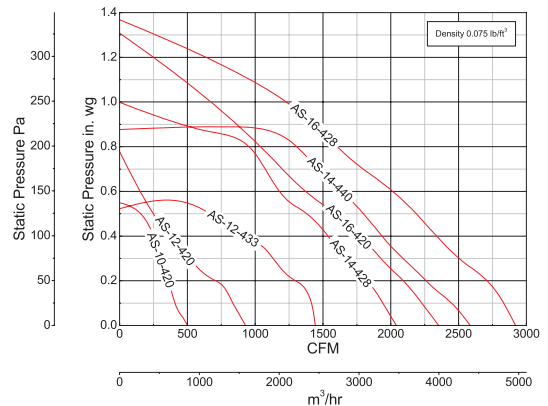
All dimensions in inches (millimeters).

AS - Axial Supply Performance Charts

1140 RPM



1750 RPM



AS - Axial Supply Performance



| Model Number | HP (Size) | Fan RPM | | CFM / Static Pressure in Inches WG | | | | | | | | | |
|---------------|-----------|---------|-------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | 0 | 0.10 | 0.125 | 0.20 | 0.25 | 0.375 | 0.50 | 0.625 | 0.75 | 1.0 |
| AS-10-420-A8 | 1/8 | 1750 | CFM | 503 | 413 | 401 | 366 | 343 | 280 | 188 | | | |
| | | | BHP | 0.022 | 0.029 | 0.03 | 0.033 | 0.035 | 0.043 | 0.052 | | | |
| | | | Sones | 7.9 | 9.1 | 9.2 | 9.8 | 10.2 | 10.2 | 10.7 | | | |
| AS-12-420-A4 | 1/4 | 1750 | CFM | 929 | 835 | 813 | 708 | 595 | 415 | | | | |
| | | | BHP | 0.037 | 0.046 | 0.047 | 0.054 | 0.058 | 0.068 | | | | |
| | | | Sones | 9.6 | 8.9 | 8.9 | 11.4 | 14.3 | 12.6 | | | | |
| AS-12-433-A4 | 1/4 | 1750 | CFM | 1444 | 1412 | 1400 | 1294 | 1203 | 953 | 641 | | | |
| | | | BHP | 0.093 | 0.1 | 0.105 | 0.107 | 0.123 | 0.135 | 0.148 | | | |
| | | | Sones | 11.4 | 11.5 | 11.6 | 11.8 | 12.2 | 15.1 | 15.8 | | | |
| AS-14-428-A4 | 1/4 | 1750 | CFM | 2041 | 1940 | 1912 | 1827 | 1742 | 1567 | 1380 | 1155 | 1018 | |
| | | | BHP | 0.127 | 0.142 | 0.145 | 0.155 | 0.172 | 0.195 | 0.209 | 0.228 | 0.245 | |
| | | | Sones | 16.1 | 15.8 | 15.7 | 15.8 | 15.9 | 15.9 | 18.4 | 18.9 | 17.3 | |
| AS-14-440-A5 | 1/2 | 1750 | CFM | 2586 | 2442 | 2395 | 2261 | 2176 | 1971 | 1799 | 1588 | 1380 | |
| | | | BHP | 0.32 | 0.329 | 0.331 | 0.338 | 0.346 | 0.375 | 0.415 | 0.436 | 0.459 | |
| | | | Sones | 20 | 19.9 | 19.8 | 19.9 | 19.9 | 19.8 | 21 | 21 | 19.9 | |
| AS-16-420-A5 | 1/2 | 1750 | CFM | 2353 | 2229 | 2195 | 2093 | 2008 | 1819 | 1597 | 1330 | 1121 | |
| | | | BHP | 0.177 | 0.192 | 0.195 | 0.206 | 0.221 | 0.236 | 0.25 | 0.268 | 0.286 | |
| | | | Sones | 20 | 19.7 | 19.5 | 19.6 | 19.6 | 19.5 | 21 | 22 | 21 | |
| AS-16-428-A7 | 3/4 | 1750 | CFM | 2920 | 2826 | 2802 | 2693 | 2602 | 2376 | 2188 | 1965 | 1693 | 1200 |
| | | | BHP | 0.311 | 0.331 | 0.336 | 0.349 | 0.356 | 0.379 | 0.428 | 0.436 | 0.466 | 0.517 |
| | | | Sones | 21 | 21 | 21 | 20 | 20 | 19.9 | 19.7 | 21 | 25 | 23 |
| AS-18-427-A7 | 3/4 | 1750 | CFM | 3906 | 3739 | 3690 | 3543 | 3454 | 3228 | 2990 | 2725 | 2454 | |
| | | | BHP | 0.545 | 0.592 | 0.603 | 0.636 | 0.647 | 0.676 | 0.703 | 0.731 | 0.756 | |
| | | | Sones | 30 | 29 | 28 | 28 | 27 | 28 | 28 | 28 | 28 | |
| AS-18-431-A10 | 1 | 1750 | CFM | 4247 | 4110 | 4076 | 3938 | 3846 | 3526 | 3259 | 2998 | 2724 | |
| | | | BHP | 0.725 | 0.763 | 0.773 | 0.789 | 0.8 | 0.888 | 0.916 | 0.943 | 0.972 | |
| | | | Sones | 31 | 30 | 30 | 30 | 30 | 29 | 29 | 28 | 28 | |
| AS-20-428-B5 | 1/2 | 1140 | CFM | 3488 | 3202 | 3125 | 2911 | 2715 | 2315 | 1847 | | | |
| | | | BHP | 0.212 | 0.228 | 0.232 | 0.256 | 0.274 | 0.305 | 0.332 | | | |
| | | | Sones | 16.7 | 17.5 | 17.7 | 18.1 | 18.4 | 17.1 | 18.9 | | | |
| AS-20-428-A15 | 1½ | 1750 | CFM | 5355 | 5181 | 5137 | 4987 | 4886 | 4648 | 4408 | 4073 | 3830 | 3272 |
| | | | BHP | 0.767 | 0.79 | 0.795 | 0.814 | 0.827 | 0.879 | 0.94 | 1.012 | 1.056 | 1.142 |
| | | | Sones | 29 | 31 | 32 | 33 | 34 | 34 | 34 | 33 | 33 | 33 |
| AS-24-418-B5 | 1/2 | 1140 | CFM | 4569 | 4289 | 4215 | 3992 | 3841 | 3392 | 2958 | 2422 | | |
| | | | BHP | 0.369 | 0.392 | 0.399 | 0.415 | 0.422 | 0.453 | 0.474 | 0.497 | | |
| | | | Sones | 24 | 23 | 23 | 23 | 23 | 22 | 22 | 19.4 | | |
| AS-24-430-B10 | 1 | 1140 | CFM | 5742 | 5401 | 5315 | 5066 | 4929 | 4556 | 4131 | 3650 | 3066 | |
| | | | BHP | 0.855 | 0.884 | 0.892 | 0.915 | 0.932 | 0.973 | 1.012 | 1.05 | 1.091 | |
| | | | Sones | 29 | 25 | 25 | 24 | 24 | 25 | 26 | 27 | 29 | |

Performance certified is for Model AS supply for installation type A: Free inlet, Free outlet. 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 fan sone levels.

Typical Specifications

Direct drive axial roof exhaust fans shall be provided as follows:

The fan propeller shall be constructed of aluminum with a swept, steeply pitched blade. A standard set screw shall lock the propeller to the motor shaft. Propellers shall be statically and dynamically balanced. The fan housing shall be constructed of heavy gauge aluminum with a rigid internal support structure and a birdscreen.

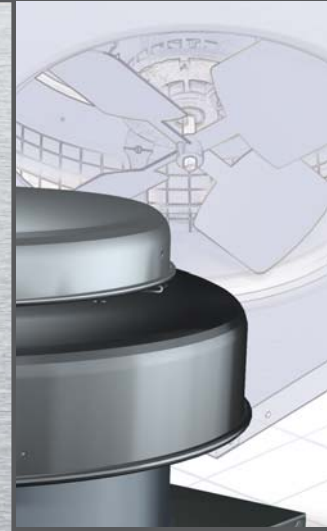
Motors shall be permanently lubricated, heavy-duty type, carefully matched to the fan load and furnished at the specified RPM, voltage, phase, and enclosure. Motors shall be readily accessible for maintenance.

A disconnect switch shall be factory installed and wired from the fan motor to a junction box within the motor compartment. A conduit chase shall be provided through the curb cap to the motor compartment for ease of electrical wiring.

All fans shall bear the AMCA Certified Ratings Seals for sound and air performance.

Each fan shall bear a permanently affixed manufacturer's engraved metal nameplate containing the model number and individual serial number for future identification.

Fans shall be Model AS and AE as manufactured by Greenheck, Schofield, Wisconsin.



Building Value in Air

Greenheck delivers value to mechanical engineers by helping them solve virtually any air quality challenges their clients face with a comprehensive selection of top

quality, innovative air-related equipment. We offer extra value to contractors by providing easy-to-install, competitively priced, reliable products that arrive on time. And building

owners and occupants value the energy efficiency, low maintenance and quiet dependable operation they experience long after the construction project ends.

Our Warranty

Greenheck warrants this equipment to be free from defects in material and workmanship for a period of one year from the purchase date. Any units or parts which prove defective during the warranty period will be replaced at our option when returned to our factory, transportation prepaid. Motors are warranted by the motor manufacturer for a period of one year. Should motors furnished by Greenheck prove defective during this period, they should be returned to the nearest authorized motor service station. Greenheck will not be responsible for any removal or installation costs.

As a result of our commitment to continuous improvement, Greenheck reserves the right to change specifications without notice.

