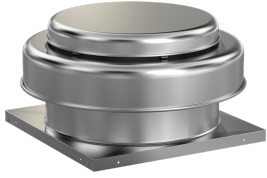


Axial Roof Supply Fan, Model AS-12, Direct Drive, 1/4HP, 115V, 1Ph, 641-1444 CFM

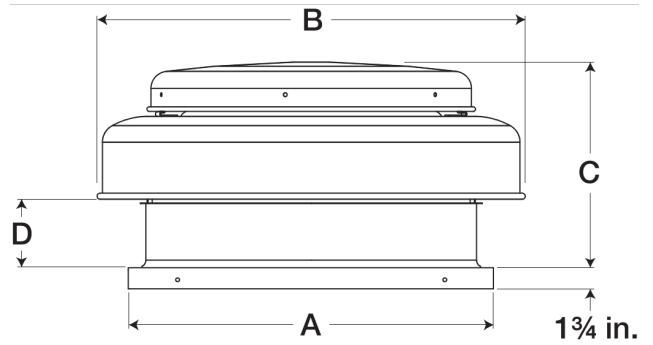


Model AS, direct drive axial supply fan is designed for economy and reliability in low pressure/low volume applications. Typical applications include general clean air ventilation.

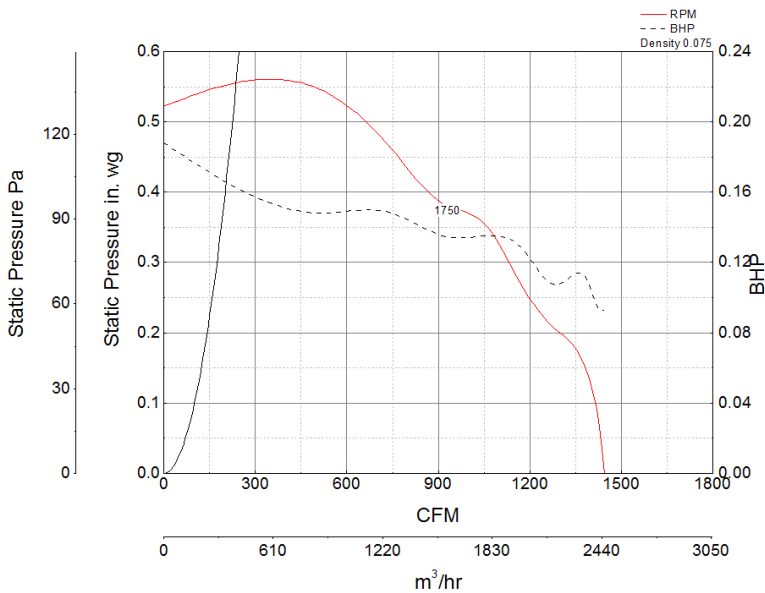
- 22 x 22 inch base with prepunched mounting holes for easy attachment to roof curb
- 12 inch fabricated aluminum propeller designed for low sound levels
- 14.5 x 14.5 inch recommended roof opening

Certifications

AMCA Sound & Air
UL/cUL 705



Performance Characteristics



Construction Features

| | |
|--------------------|------------------|
| Drive Type | Direct Drive |
| Impeller Type | Propeller |
| Impeller Material | Aluminum |
| Housing Material | Spun Aluminum |
| Includes | Birdscreen |
| Certifications | AMCA Sound & Air |
| Certifications | UL/cUL 705 |
| Speed Controllable | Yes |
| Required Accessory | Roof Curb |

Motor Information

| | |
|--------------------|-----------------|
| Service Factor | 1 |
| Phase | 1 |
| Voltage | 115 |
| HP | 1/4 |
| Motor Enclosure | Open Drip Proof |
| Motor Insulation | B |
| Thermal Protection | AutoOverload |

NEMA Frame Size 48

Air and Sound Performance

| Motor HP | Max BHP | Max Fan RPM | Min Fan RPM | Ps (in. wg) | 0 | 0.125 | 0.25 | 0.375 | 0.5 |
|----------|---------|-------------|-------------|-------------|-------|-------|-------|-------|------|
| 1/4 | 0.15 | 1750 | 0 | CFM | 1,444 | 1,400 | 1,203 | 953 | 641 |
| | | | | Sones | 11.4 | 11.6 | 12.2 | 15.1 | 15.8 |



- Greenheck Fan Corporation certifies that the model shown herein is 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.
- Performance certified is for installation type A: Free inlet, Free outlet.
- Power rating (BHP/kW) does not include transmission losses.
- Performance ratings include the effects of birdscreen.
- 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.