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SKU

G-140-7VG122XQD

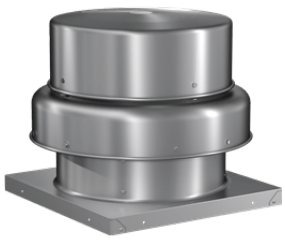
Job Name:

Mark:

Submitted By:

Date: 11/24/2026

# Centrifugal Downblast Exhaust Fan, Product # G-140-7VG122XQD, 855-2347 CFM



Model G, direct drive centrifugal roof exhaust fans provide the industry's best performance and durability for general clean air applications where air is discharged downward, toward the roof. Units feature the most advanced motor cooling of any fan in its class.

- 22 x 22 inch base with prepunched mounting holes for easy attachment to roof curb
- Energy-efficient, speed controllable, Vari-green® motor
- 18.5 x 18.5 inch recommended roof opening

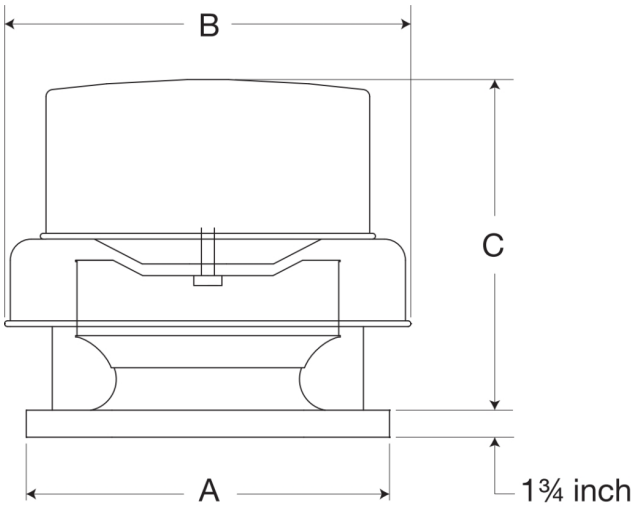
## Certifications

AMCA Sound & Air

High Wind and Hurricane

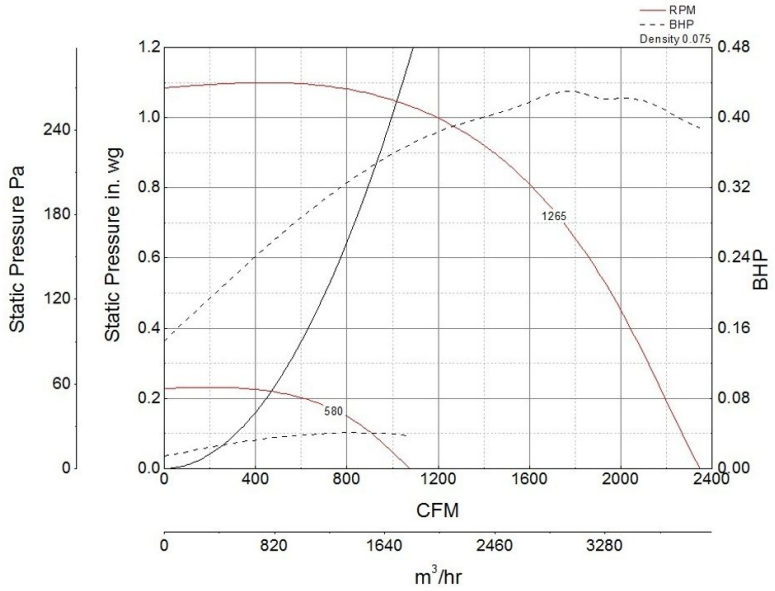
Seismic

UL/cUL 705




| A | B | C |
|---|---|---|
| 22 in | 28.375 in | 23.75 in |

## Performance Characteristics




## Construction Features

| | |
|---|---|
| Housing Material | Spun Aluminum |
| Drive Type | Direct Drive |
| Impeller Type | Centrifugal Wheel |
| Impeller Material | Aluminum |
| Includes | Motor mounted potentiometer |
| Certifications | AMCA Sound & Air<br>High Wind and Hurricane<br>Seismic<br>UL/cUL 705 |
| Speed Controllable | Yes |
| Required Accessory | Roof curbs for new installations |

## Motor Information

| | |
|---|---|
| Motor Insulation | B |
| Motor Phase | 1 |
| Motor Type | BrushlessDC |
| Service Factor | 1 |

| | |
|---|---|
| Voltage | 115/208-230 |
| HP | 3/4 |
| Hertz | 60 |
| Motor Enclosure | n/a |
| RPM | 1800 |
| Thermal Protection | AutoOverload |
| Nominal Efficiency | 85 |
| NEMA Frame Size | 56 |

## 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 | 0.625 | 0.75 | 0.875 | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/4 | 0.43 | 1265 | 580 | CFM | 2,347 | 2,250 | 2,158 | 2,062 | 1,955 | 1,832 | 1,677 | 1,470 | 1,048 |
| | | | | Sones | 13.2 | 12.9 | 12.6 | 12 | 11.6 | 11.1 | 10.6 | 10 | 9 |

- 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.

## California Residents

⚠ WARNING

This product can expose you to chemicals including cadmium used in the processing of corrosion resistant metal and fasteners, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information visit www.P65Warnings.ca.gov