

SKU GB-140-4122XQD Job Name: Mark: Submitted By: Date: 04/17/2025

Centrifugal Downblast Exhaust Fan, Product # GB-140-4122XQD, 1085-1595 CFM

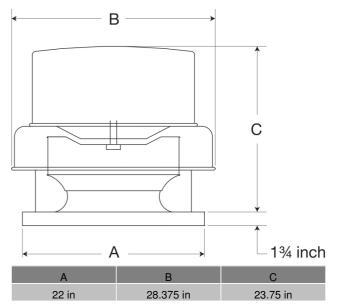


Model GB, belt drive centrifugal roof exhaust fans are designed to meet the general clean air exhaust requirements for industrial and commercial buildings. Units feature a fully rolled windband bead for increased stability and easy transport. Fresh outside air is drawn in under the motor cover to maximize motor life.

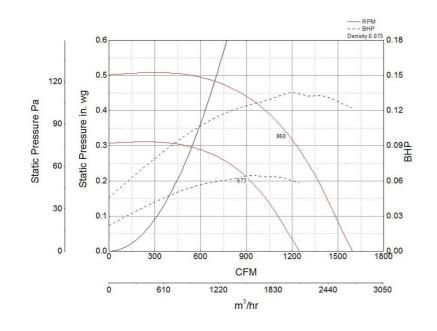
- 22 x 22 inch base with prepunched mounting holes for easy attachment to roof curb
- Variable pitch adjustable motor pulley to optimize fan performance
- 18.5 x 18.5 inch recommended roof opening

Certifications

AMCA Sound & Air High Wind and Hurricane Seismic UL/cUL 705



Performance Characteristics



Construction Features

Housing Material	Spun Aluminum			
Drive Type	Belt Drive			
Impeller Type	Centrifugal Wheel			
Impeller Material	Aluminum			
Includes	Assembled drive package Disconnect switch			
Certifications	AMCA Sound & Air High Wind and Hurricane Seismic UL/cUL 705			
Drive Package Description	Motor and drives assembled			
Required Accessory	Roof curb for new installations			

Motor Information

Motor Insulation	В			
Motor Phase	1			
Motor Type	NEMA			
Service Factor	1.35			
Voltage	115			
HP	1/4			
Hertz	60			
Motor Enclosure	Open Drip Proof			
RPM	1800			
Thermal Protection	AutoOverload			
Nominal Efficiency	75			
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
1/4 0.13 860			CFM	1,595	1,457	1,304	1,085	
	673	Sones	7.2	7.2	6.8	6.2		



- 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) includes 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