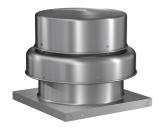


SKU G-120-5VG119XQD Job Name: Mark: Submitted By: Date: 09/09/2025

# Centrifugal Downblast Exhaust Fan, Product # G-120-5VG119XQD, 515-2093 CFM

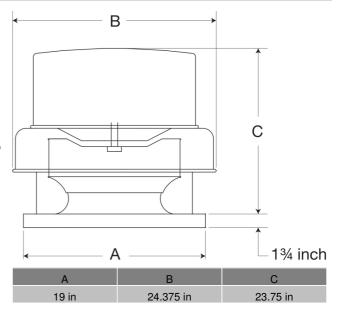


Model G, direct drive centrifugal roof exhaust fans provide the industry's best performance and durability for general clean air applications where air is discharged downward, toward the roof. Units feature the most advanced motor cooling of any fan in its class.

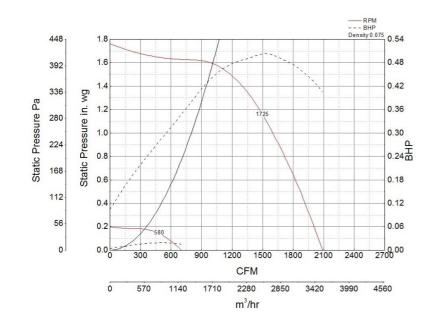
- 19 x 19 inch base with prepunched mounting holes for easy attachment to roof curb
- Energy-efficient, speed controllable, Vari-green® motor
- 15.5 x 15.5 inch recommended roof opening

#### Certifications

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



### **Performance Characteristics**



## **Construction Features**

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

## **Motor Information**

Motor Insulation	В						
Motor Phase	1						
Motor Type	BrushlessDC						
Service Factor	1						
Voltage	115						
HP	1/2						
Hertz	60						
Motor Enclosure	n/a						
RPM	1800						
Thermal Protection	AutoOverload						
Nominal Efficiency	85						
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	0.625	0.75	0.875	1	1.25	1.5
1/2 0.50	0.50	0 1725	500	CFM	2,093	2,038	1,984	1,928	1,871	1,810	1,743	1,673	1,600	1,426	1,180
	0.50		580	Sones	17.4	17.2	17.1	16.9	16.7	16.4	16.2	16	15.2	14.4	13.7



- · 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