

Centrifugal Downblast Exhaust Fan, Product # GB-100-LMD119XQD, 477-1526 CFM

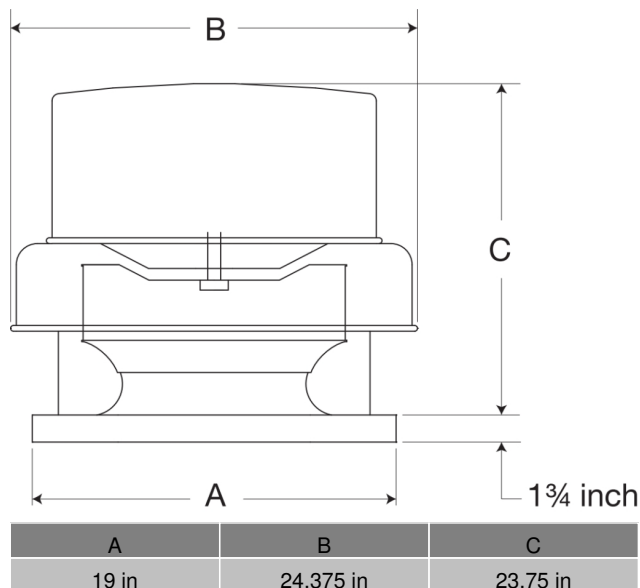


Model GB, belt drive centrifugal roof exhaust fans are designed to meet the general clean air exhaust requirements for industrial and commercial buildings. Units feature a fully rolled windband bead for increased stability and easy transport. Fresh outside air is drawn in under the motor cover to maximize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

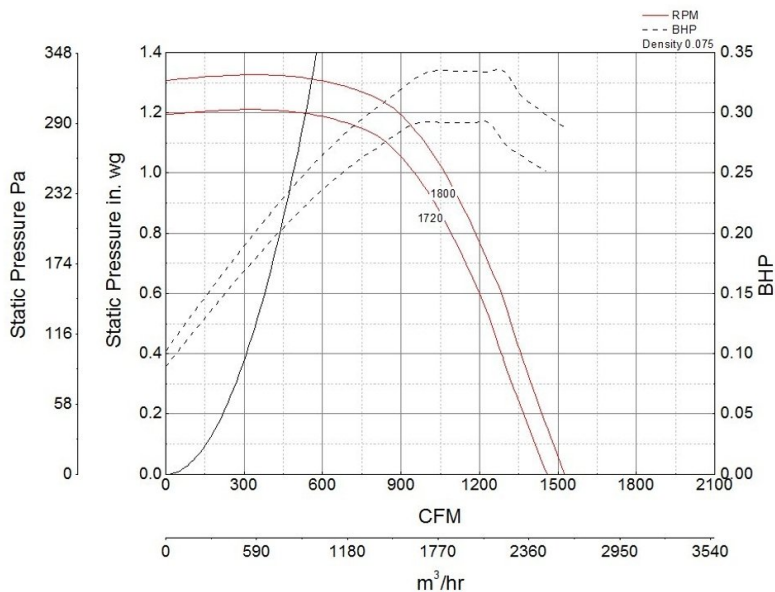
- 19 x 19 inch base with prepunched mounting holes for easy attachment to roof curb
- Multiple motor and drive options available to meet any performance and application need
- 15.5 x 15.5 inch recommended roof opening

Certifications

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



Performance Characteristics



Note: The maximum FRPM for each motor horsepower is shown. For additional performance ranges available for this fan, refer to the performance table.

Construction Features

Housing Material	Spun Aluminum
Drive Type	Belt Drive
Impeller Type	Centrifugal Wheel
Impeller Material	Aluminum
Certifications	AMCA Sound & Air High Wind and Hurricane Seismic UL/cUL 705
Drive Package Description	No drive package included
Required Accessory	Roof curb for new installations

Motor Information

Motor Included	No
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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
1/4	0.02	720	700	CFM	610	477	-	-	-	-	-	-	-	-
				Sones	3.8	2.8	-	-	-	-	-	-	-	-
1/4	0.04	890	720	CFM	754	651	519	-	-	-	-	-	-	-
				Sones	4.8	4.1	3.4	-	-	-	-	-	-	-
1/4	0.08	1110	890	CFM	941	855	774	663	-	-	-	-	-	-
				Sones	6.4	5.9	5.5	5	-	-	-	-	-	-
1/4	0.15	1380	1110	CFM	1,170	1,100	1,033	969	886	782	-	-	-	-
				Sones	9	8.5	8.2	8.2	7.8	7.3	-	-	-	-
1/4	0.29	1720	1380	CFM	1,458	1,401	1,346	1,293	1,246	1,187	1,120	1,045	947	-
				Sones	12.3	11.9	11.5	11.4	11	10.4	10	9.5	9.2	-
1/3	0.05	930	840	CFM	788	688	572	-	-	-	-	-	-	-
				Sones	5.1	4.4	3.8	-	-	-	-	-	-	-
1/3	0.09	1160	930	CFM	983	901	826	726	570	-	-	-	-	-
				Sones	6.8	6.3	6	5.5	4.7	-	-	-	-	-
1/3	0.17	1440	1160	CFM	1,220	1,153	1,089	1,031	954	865	733	-	-	-
				Sones	9.5	9	8.7	8.5	8.1	7.6	6.9	-	-	-
1/3	0.33	1800	1440	CFM	1,526	1,471	1,419	1,368	1,321	1,270	1,209	1,142	1,065	793
				Sones	13.5	12.9	12.6	12.6	12.4	11.5	11	10.7	10.3	10.3



- 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