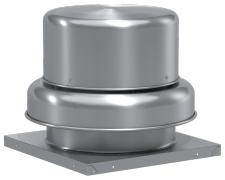
GREENHECK
Building Value in Air.

SKU
GB-140-LMD122XQD

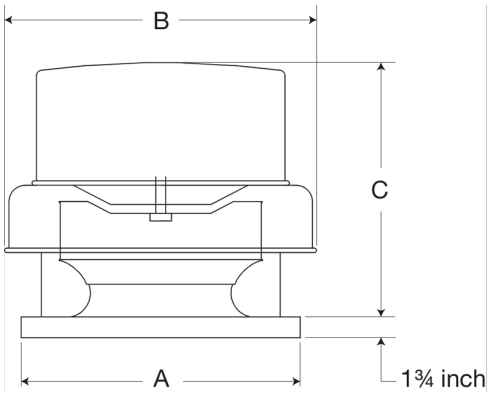
Job Name:
Mark:
Submitted By:
Date: 04/01/2025

Centrifugal Downblast Exhaust Fan, Model GB-141, Belt Drive, Less Motor & Drive Package, 751-3209 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.

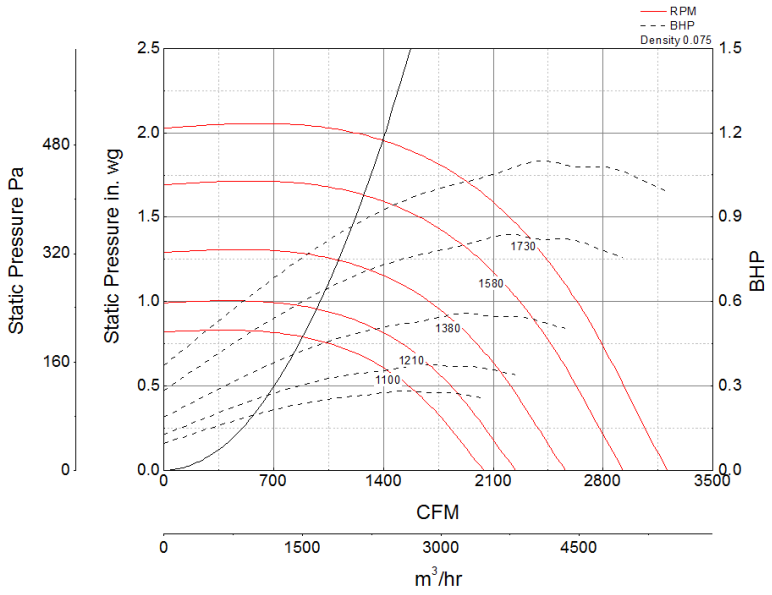
- 22 x 22 inch base with prepunched mounting holes for easy attachment to roof curb
- Multiple motor and drive options available to meet any performance and application need
- 18.5 x 18.5 inch recommended roof opening



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

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

Motor Information

Motor Included	No

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	1.75
1/4	0.04	570	520	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/4	0.07	710	570	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/4	0.14	880	710	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/4	0.28	1100	880	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/3	0.05	630	540	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/3	0.10	780	630	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/3	0.19	970	780	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/3	0.37	1210	970	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/2	0.04	580	530	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/2	0.08	720	580	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/2	0.15	890	720	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/2	0.29	1110	890	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1/2	0.56	1380	1110	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
3/4	0.43	1270	1060	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
3/4	0.83	1580	1270	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1	0.57	1390	1180	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7
1	1.10	1730	1390	CFM	1,057	830	909	1,143	1,560	1,366	999	1,242	1,683	2,009	1,609	1,836
				Sones	4.8	4.8	5.2	6.5	9	8.4	7.7	9	11.7	15.1	15.1	16.7