

# Centrifugal Downblast Exhaust Fan, Model GB-161, Belt Drive, Less Motor & Drive Package, 970-4667 CFM

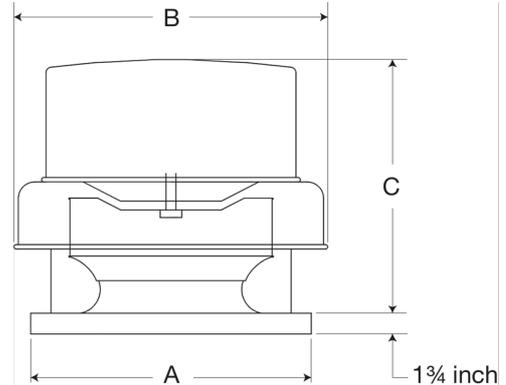


Model GB, belt drive centrifugal roof exhaust fans are designed to meet the general clean air exhaust requirements for industrial and commercial buildings. Units feature a fully rolled windband bead for increased stability and easy transport. Fresh outside air is drawn in under the motor cover to maximize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

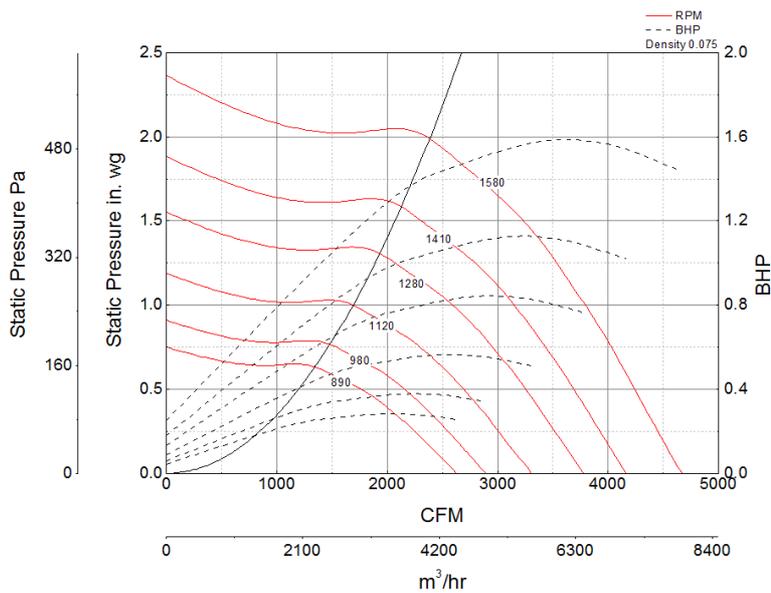
- 22 x 22 inch base with prepunched mounting holes for easy attachment to roof curb
- Multiple motor and drive options available to meet any performance and application need
- 18.5 x 18.5 inch recommended roof opening

### 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
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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	1.5	1.75
1/4	0.08	580	480	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1/4	0.15	720	580	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1/4	0.28	890	720	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1/3	0.10	640	570	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1/3	0.20	790	640	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1/3	0.38	980	790	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1/2	0.29	900	720	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1/2	0.56	1120	900	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
3/4	0.44	1030	840	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
3/4	0.84	1280	1030	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1	0.58	1130	940	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1	1.13	1410	1130	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1 1/2	0.82	1270	1150	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21
1 1/2	1.58	1580	1270	CFM	1,713	1,417	970	1,243	1,757	1,355	1,518	2,013	2,584	2,058	2,306	2,825
				Sones	5.8	5.6	5.3	6.8	9.3	8.7	10	12.5	15.5	14.1	16.6	21