

Centrifugal Inline Fan, Model BSQ-100, Belt Drive, Less Motor & Drive Package, 520-1686 CFM



Model BSQ centrifugal inline fan features a unique combination of installation flexibility, rugged construction, ease of service, high efficiency and low sound levels. These compact fans are the ideal selection for indoor clean air applications including intake, exhaust, return or make-up air.

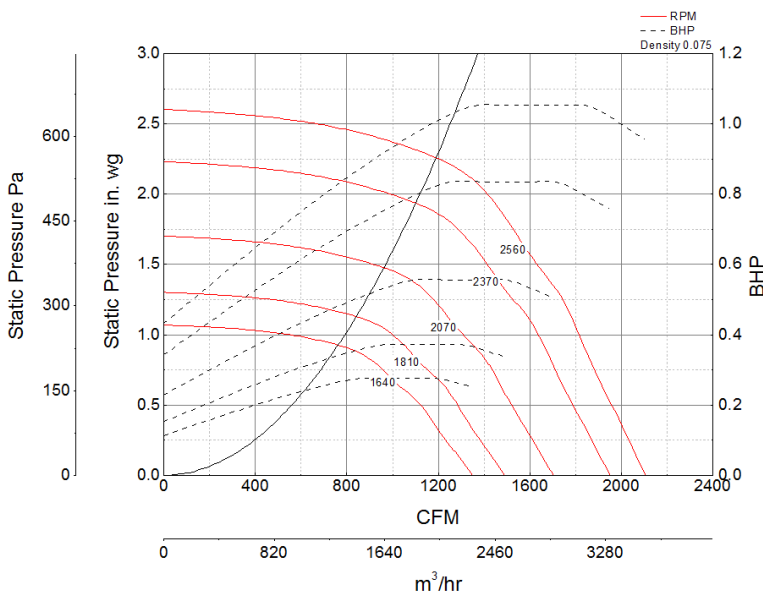
- 13.875 x 13.875 inch inlet width x height
- 13.875 x 13.875 inch outlet width x height
- Multiple motor and drive options available to meet any performance and application need

Certifications

AMCA Sound & Air
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	Galvanized Steel
Includes	Motor cover
Certifications	AMCA Sound & Air
Certifications	UL/cUL 705
Drive Package Description	No drive package included

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	2	2.25
1/4	0.04	850	790	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1/4	0.08	1060	850	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1/4	0.14	1320	1060	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1/4	0.28	1640	1320	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1/3	0.05	930	840	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1/3	0.10	1160	930	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1/3	0.19	1450	1160	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1/3	0.37	1810	1450	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1/2	0.15	1330	1070	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1/2	0.29	1660	1330	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1/2	0.56	2070	1660	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
3/4	0.43	1900	1540	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
3/4	0.84	2370	1900	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1	0.54	2050	1720	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21
1	1.05	2560	2050	CFM	699	590	683	520	757	1,038	957	841	995	1,174	1,414	1,283	1,407	1,193
				Sones	6.1	6	7.3	7	8.8	12	11.5	10.8	12.7	15.4	18.1	17.6	19.5	21



- 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 B: Free inlet, Ducted outlet.
- Power rating (BHP/kW) includes transmission losses.
- Performance ratings do not include the effects of appurtenances (accessories).
- The inlet 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 B: free inlet hemispherical sone levels.