

# Centrifugal Inline Fan, Model BSQ-160, Belt Drive, Less Motor & Drive Package, 1391-4648 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.

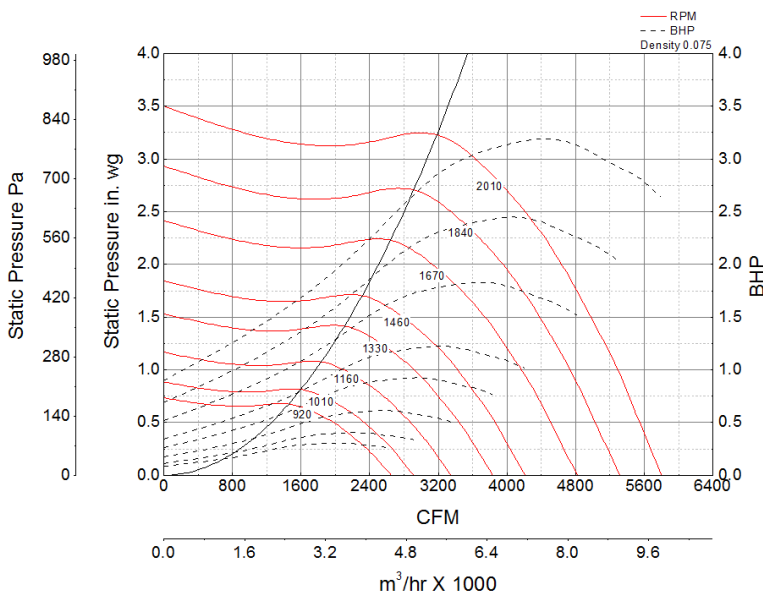
- 22.875 x 22.875 inch inlet width x height
- 22.875 x 22.875 inch outlet width x height
- Multiple motor and drive options available to meet any performance and application need

### 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	2.5	2.75	3
1/4	0.16	740	600	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1/4	0.30	920	740	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1/3	0.11	650	620	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1/3	0.21	810	650	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1/3	0.40	1010	810	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1/2	0.16	750	630	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1/2	0.31	930	750	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1/2	0.61	1160	930	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
3/4	0.48	1070	860	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
3/4	0.92	1330	1070	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1	0.63	1170	960	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1	1.22	1460	1170	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1 1/2	0.94	1340	1150	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
1 1/2	1.83	1670	1340	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
2	1.24	1470	1280	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
2	2.44	1840	1470	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
3	1.63	1610	1430	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28
3	3.48	2010	1610	CFM	2,136	1,962	1,745	1,440	1,970	1,672	1,843	2,353	2,094	2,518	2,774	3,462	3,120	3,669	3,343	4,237	3,951
				Sones	7.7	7.4	7.2	6.9	8.8	8.6	9.8	11.8	11.6	13.5	15.2	20	18.5	23	22	30	28



- 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.