



SKU
BSQ-160-LMDX-QD

Job Name:
Mark:
Submitted By:
Date: 07/18/2025

Square Centrifugal Inline Fan, Product # BSQ-160-LMDX-QD, 1391-4648 CFM

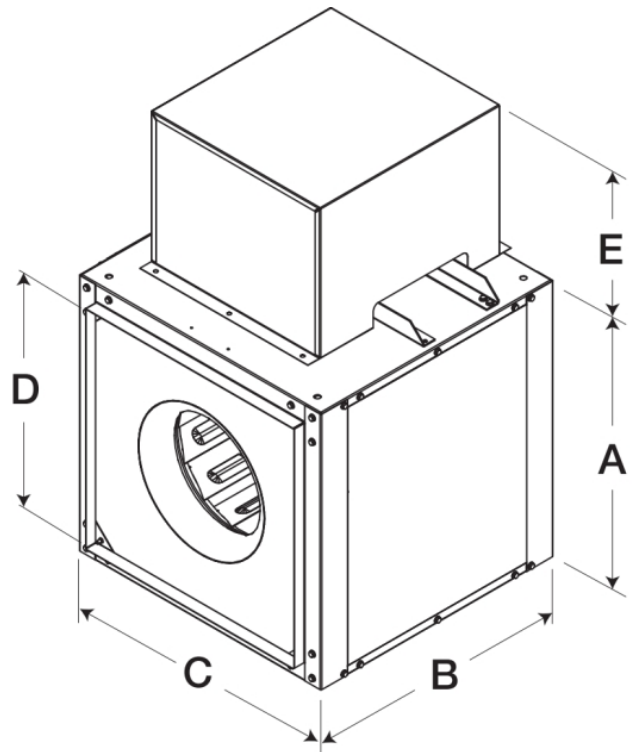


Model BSQ centrifugal inline fan features a unique combination of installation flexibility, rugged construction, ease of service, high efficiency and low sound levels. These compact fans are the ideal selection for indoor clean air applications including intake, exhaust, return or make-up air.

- 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

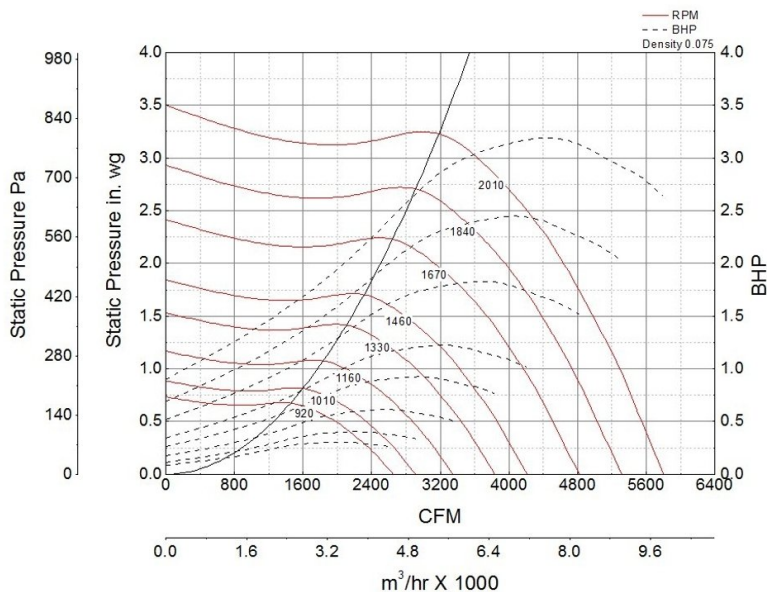
Certifications

AMCA Sound & Air
UL/cUL 705



A	B	C	D	E
26 in	26 in	26 in	22.875 in	13.375 in

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	Galvanized Steel
Drive Type	Belt Drive
Impeller Type	Centrifugal Wheel
Impeller Material	Aluminum
Includes	Motor cover
Certifications	AMCA Sound & Air 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	P _s (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	-	-	-	-	-	-	-	-	-	-	-	-	-
				Sone _s	7.7	7.4	7.2	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-
1/4	0.30	920	740	CFM	2,656	2,516	2,366	2,187	1,970	1,672	-	-	-	-	-	-	-	-	-	-	-
				Sone _s	9.8	9.3	9.1	9	8.8	8.6	-	-	-	-	-	-	-	-	-	-	-
1/3	0.11	650	620	CFM	1,877	1,671	1,391	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Sone _s	5.9	5.7	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1/3	0.21	810	650	CFM	2,339	2,179	1,996	1,763	1,404	-	-	-	-	-	-	-	-	-	-	-	-
				Sone _s	8.5	8.2	8	7.8	7.5	-	-	-	-	-	-	-	-	-	-	-	-
1/3	0.40	1010	810	CFM	2,916	2,788	2,660	2,505	2,333	2,122	1,843	-	-	-	-	-	-	-	-	-	-
				Sone _s	11.1	10.8	10.5	10.2	10	9.9	9.8	-	-	-	-	-	-	-	-	-	-
1/2	0.16	750	630	CFM	2,165	1,993	1,781	1,492	-	-	-	-	-	-	-	-	-	-	-	-	-
				Sone _s	7.8	7.5	7.3	7	-	-	-	-	-	-	-	-	-	-	-	-	-
1/2	0.31	930	750	CFM	2,685	2,546	2,399	2,223	2,013	1,725	-	-	-	-	-	-	-	-	-	-	-
				Sone _s	9.9	9.5	9.2	9.1	9	8.8	-	-	-	-	-	-	-	-	-	-	-
1/2	0.61	1160	930	CFM	3,349	3,238	3,126	3,007	2,872	2,722	2,556	2,353	2,094	-	-	-	-	-	-	-	-
				Sone _s	13.6	13.3	13	12.8	12.6	12.4	12.1	11.8	11.6	-	-	-	-	-	-	-	-
3/4	0.48	1070	860	CFM	3,089	2,969	2,848	2,708	2,553	2,380	2,158	1,846	-	-	-	-	-	-	-	-	-
				Sone _s	12.1	11.9	11.6	11.3	10.9	10.8	10.8	10.7	-	-	-	-	-	-	-	-	-
3/4	0.92	1330	1070	CFM	3,840	3,743	3,646	3,549	3,441	3,323	3,198	3,064	2,911	2,518	-	-	-	-	-	-	-
				Sone _s	17.9	17.1	16.5	16.4	16.3	16.2	15.9	15.5	14.9	13.5	-	-	-	-	-	-	-
1	0.63	1170	960	CFM	3,378	3,268	3,157	3,040	2,906	2,759	2,599	2,400	2,148	-	-	-	-	-	-	-	-
				Sone _s	13.9	13.5	13.2	13	12.8	12.6	12.3	12	11.7	-	-	-	-	-	-	-	-
1	1.22	1460	1170	CFM	4,215	4,127	4,038	3,950	3,861	3,758	3,651	3,538	3,417	3,138	2,774	-	-	-	-	-	-
				Sone _s	20	19.5	18.9	18.6	18.6	18.6	18.5	18.3	17.9	16.6	15.2	-	-	-	-	-	-
1 1/2	0.94	1340	1150	CFM	3,869	3,772	3,676	3,580	3,474	3,357	3,234	3,101	2,954	2,571	-	-	-	-	-	-	-
				Sone _s	18	17.3	16.7	16.6	16.5	16.3	16.1	15.7	15.1	13.7	-	-	-	-	-	-	-
1 1/2	1.83	1670	1340	CFM	4,822	4,744	4,667	4,590	4,512	4,435	4,349	4,256	4,162	3,958	3,740	3,462	3,120	-	-	-	-
				Sone _s	26	25	24	24	24	24	24	24	24	23	22	20	18.5	-	-	-	-
2	1.24	1470	1280	CFM	4,244	4,156	4,068	3,981	3,893	3,791	3,684	3,574	3,453	3,181	2,827	-	-	-	-	-	-
				Sone _s	20	19.7	19.1	18.8	18.8	18.8	18.8	18.5	18.1	16.8	15.5	-	-	-	-	-	-
2	2.44	1840	1470	CFM	5,312	5,242	5,172	5,102	5,032	4,961	4,891	4,816	4,731	4,561	4,374	4,181	3,940	3,669	3,343	-	-
				Sone _s	33	32	30	30	29	29	30	31	31	30	29	27	25	23	22	-	-
3	1.63	1610	1430	CFM	4,648	4,568	4,488	4,408	4,327	4,247	4,152	4,055	3,957	3,738	3,484	3,170	2,733	-	-	-	-
				Sone _s	24	23	22	22	22	22	22	22	22	21	19.6	18.2	16.7	-	-	-	-
3	3.48	2010	1610	CFM	5,976	5,914	5,852	5,789	5,727	5,664	5,602	5,540	5,477	5,332	5,181	5,023	4,851	4,680	4,461	4,237	3,951
				Sone _s	47	45	43	41	40	40	39	41	42	44	43	41	38	36	33	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.

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

 WARNING