

Centrifugal Inline Fan, Model BSQ-120, Belt Drive, Less Motor & Drive Package, 595-2255 CFM

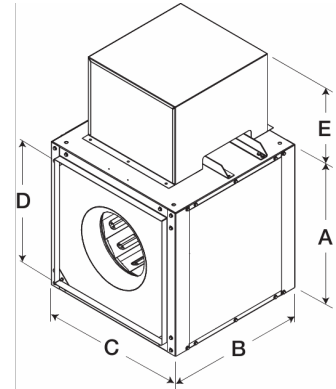


Model BSQ centrifugal inline fan features a unique combination of installation flexibility, rugged construction, ease of service, high efficiency and low sound levels. These compact fans are the ideal selection for indoor clean air applications including intake, exhaust, return or make-up air.

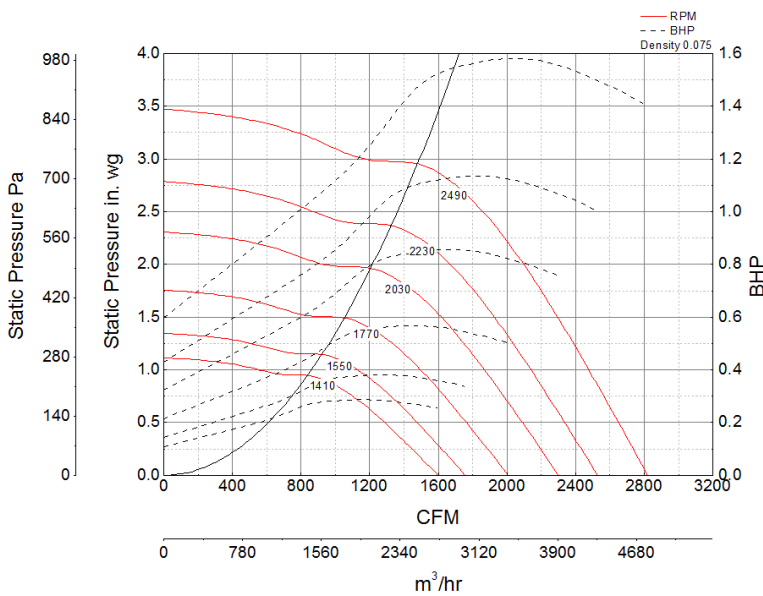
- 15.875 x 15.875 inch inlet width x height
- 15.875 x 15.875 inch outlet width x height
- Multiple motor and drive options available to meet any performance and application need

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	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
1/4	0.08	910	790	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1/4	0.15	1130	910	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1/4	0.29	1410	1130	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1/3	0.10	1000	940	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1/3	0.19	1240	1000	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1/3	0.38	1550	1240	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1/2	0.15	1140	1060	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1/2	0.29	1420	1140	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1/2	0.57	1770	1420	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
3/4	0.44	1630	1340	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
3/4	0.86	2030	1630	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1	0.59	1790	1500	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1	1.13	2230	1790	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1 1/2	0.80	1990	1830	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22
1 1/2	1.58	2490	1990	CFM	1,031	913	785	595	859	1,197	1,099	964	1,125	1,327	1,615	1,449	1,662	1,459	1,852	1,682
				Sones	7.4	7.3	7.2	6.9	8.3	10.6	10.3	9.8	10.8	13.3	16.8	15.7	18.7	17.5	23	22



- 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.