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SKU BSQ-100-10X-QD-DR1 Job Name: Mark: Submitted By: Date: 07/16/2025

# Square Centrifugal Inline Fan, Product # BSQ-100-10X-QD-DR1, 1147-1686 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
- Horizontal or vertical mounting

Certifications

AMCA Sound & Air UL/cUL 705



#### **Performance Characteristics**



#### **Construction Features**

Housing Material	Galvanized Steel						
Drive Type	Belt Drive						
Impeller Type	Centrifugal Wheel						
Impeller Material	Aluminum						
	Motor cover						
Includes	Unassembled drive						
	package						
Certifications	AMCA Sound & Air						
Certifications	UL/cUL 705						
Drive Deckage Deceription	Motor and drives shipped						
Drive Package Description	loose						

#### Motor Information

Motor Insulation	В						
Motor Phase	1						
Motor Type	NEMA						
Service Factor	1.5						
Voltage	115/208-230						
HP	1						
Hertz	60						
Hertz Motor Enclosure	60 Open Drip Proof						
Motor Enclosure	Open Drip Proof						
Motor Enclosure RPM	Open Drip Proof 1800						

#### 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
			CFM	1,686	1,641	1,595	1,549	1,503	1,458	1,415	1,352	1,286	1,147	
1	1 0.54 2050	1720	Sones	17.4	17.1	16.7	16.3	16	15.6	15.6	15.7	15.7	15.2	



- 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

## \land WARNING

## ▲ 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