

SKU BSQ-180-5X-QD-DR3

Job Name: Mark: Submitted By: Date: 08/06/2025

## Square Centrifugal Inline Fan, Product # BSQ-180-5X-QD-DR3, 1909-3855 CFM

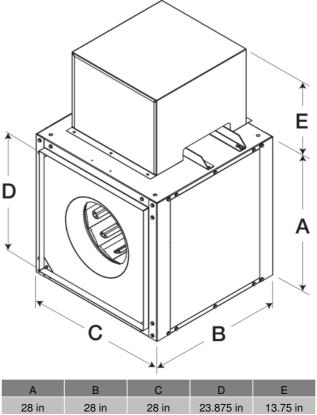


Model BSQ centrifugal inline fan features a unique combination of installation flexibility, rugged construction, ease of service, high efficiency and low sound levels. These compact fans are the ideal selection for indoor clean air applications including intake, exhaust, return or make-up air.

- 23.875 x 23.875 inch inlet width x height
- 23.875 x 23.875 inch outlet width x height
- Horizontal or vertical mounting

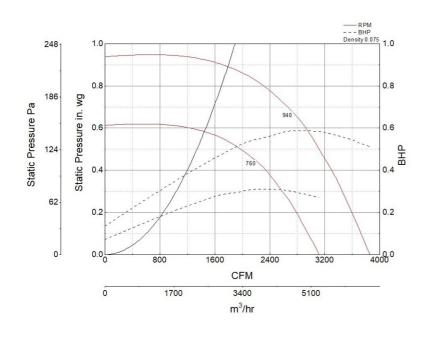
#### Certifications

AMCA Sound & Air UL/cUL 705



# 28 in

#### **Performance Characteristics**



#### **Construction Features**

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

#### **Motor Information**

Motor Insulation	В					
Motor Phase	_1					
Motor Type	NEMA					
Service Factor	1.15					
Voltage	115/208-230					
HP	1/2					
Hertz	60					
Motor Enclosure	Open Drip Proof					
RPM	1800					
Thermal Protection	AutoOverload					
Nominal Efficiency	67.9					
NEMA Frame Size	48					

#### 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
1/2 0.59	940	760	CFM	3,855	3,697	3,524	3,342	3,115	2,858	2,491	1,909	
			Sones	12.9	12.8	12.7	12.5	12.2	12.1	11.6	11.1	



- 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