Job Name: Mark: Submitted By: Date: 12/05/2025

Centrifugal Inline Fan, Model SQ-100, Direct Drive, 1/4HP, 115V, 1Ph, 831-1455 CFM

Model SQ, direct drive centrifugal inline fans feature a unique combination fo installation flexibility, rugged construction, ease of service, high efficiency and low sound levels. These compact fans are ideal for indoor clean air applications including exhaust, return or makeup where space is a prime consideration.

- •Compact size for height-restricted areas
- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Inlet and discharge duct collars for easy duct connection
- Removable access panels permit easy access to interior components for cleaning and servicing.

Certifications

AMCA Sound & Air Performance UL/cUL 705

Performance Characteristics

No Fan Curve Available.

Construction Features

Drive Type	Direct Drive					
Impeller Type	Centrifugal Wheel					
Impeller Material	Aluminum					
Housing Material	Galvanized Steel					
Includes	Access Panel					
Includes	Disconnect switch					
Certifications	AMCA Sound &Air Performance					
Certifications	UL/cUL 705					
Speed Controllable	Yes					

Motor Information

Service Factor	1
Phase	1
Voltage	115
HP	1/4
Motor Enclosure	Open Drip Proof
Motor Insulation	В
Thermal Protection	AutoOverload
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
	1 / 4	1/4 0.25	1725	0	CFM	1,455	1,403	1,350	1,292	1,227	1,156	1,078	982	831
	1/4				Sones	13.2	12.5	11.9	11.5	11.1	10.7	10.4	10	9.7

- •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) does not include 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.