Job Name: Mark: Submitted By: Date: 08/12/2025

Centrifugal Inline Fan, Variable Speed, Model SQ-80, Direct Drive, Vari-Green EC motor, 1/6HP, 115/208-230V, 1Ph, 105-503 CFM



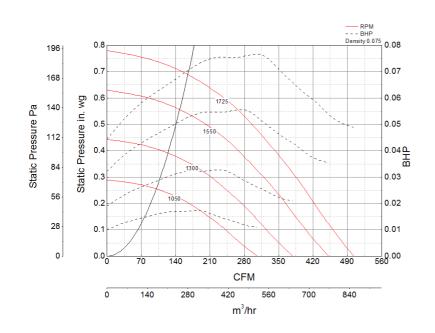
Model SQ, direct drive centrifugal inline fans feature a unique combination of installation flexibility, rugged construction, ease of service, high efficiency and low sound levels. These compact fans are ideal for indoor clean air applications including exhaust, return or makeup where space is a prime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

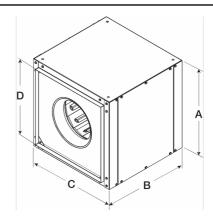
- •Compact size for height-restricted areas
- Composite backward inclined, non-overloading centrifugal wheel design
- Energy efficient, Vari-Green motor for maximum motor controllability.
- •Inlet and discharge duct collars for easy duct connection
- Removable access panels permit easy access to interior components for cleaning and servicing



AMCA Sound & Air Performance UL/cUL 705

Performance Characteristics





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
Voltage	208
Voltage	230
Voltage	277
HP	1/6
Motor Enclosure	n/a
Motor Insulation	В
Thermal Protection	AutoOverload

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
1/6 0.02	0.02	0.02 1050	0	CFM	306	225	105	140	201	219
	0.02			Sones	3.8	3.6	3.9	5.5	7.3	8.7
1/6 0.03	0.02	1300	0	CFM	306	225	105	140	201	219
	0.03			Sones	3.8	3.6	3.9	5.5	7.3	8.7
1/6	0.06	1550	0	CFM	306	225	105	140	201	219
	0.06	1550	0	Sones	3.8	3.6	3.9	5.5	7.3	8.7
1/6	0.08	1705	0	CFM	306	225	105	140	201	219
		1725	0	Sones	3.8	3.6	3.9	5.5	7.3	8.7



- •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.
- ${}^{\bullet}\textsc{Power}$ rating (BHP/kW) does not include transmission losses.
- ${}^{\bullet}\textsc{Performance}$ 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.