Job Name: Mark: Submitted By: Date: 12/15/2025

# Centrifugal Inline Fan, Variable Speed, Model SQ-90, Direct Drive, Vari-Green EC motor, 1/10HP, 115/208-230V, 1Ph, 188-821 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

#### 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
Voltage	208
Voltage	230
Voltage	277
HP	1/10
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
1/10	0.02	1050	0	CFM	500	370	188	245	334	366
1/10				Sones	4	3.9	4.1	5.5	7.4	8.9
1/10	0.04	1300	0	CFM	500	370	188	245	334	366
				Sones	4	3.9	4.1	5.5	7.4	8.9
1/10	0.07	1550	0	CFM	500	370	188	245	334	366
1/10				Sones	4	3.9	4.1	5.5	7.4	8.9
1/10	0.09	1725	0	CFM	500	370	188	245	334	366
1/10				Sones	4	3.9	4.1	5.5	7.4	8.9

•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.
<ul> <li>Performance ratings do not include the effects of appurtenances (accessories).</li> </ul>
•Performance ratings do not include the effects of appurtenances (accessories).

301. Values shown are for installation type B: free inlet hemispherical sone levels.

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