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GREENHECK Shop Online

SKU

SQ-120-VG5X-QD

Job Name:

Mark:

Submitted By:

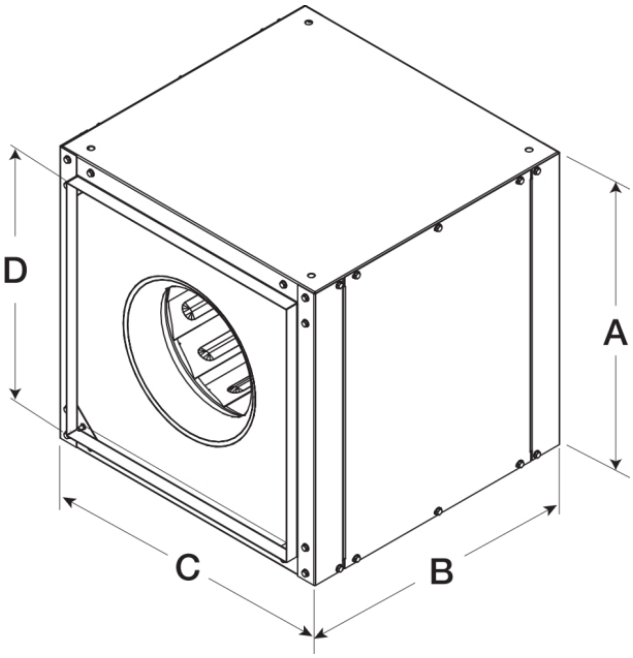
Date: 11/02/2026

Centrifugal Inline Fan, Product # SQ-120-VG5X-QD, 435-1948 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 make-up 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
- Energy efficient, Vari-Green motor for maximum motor controllability.



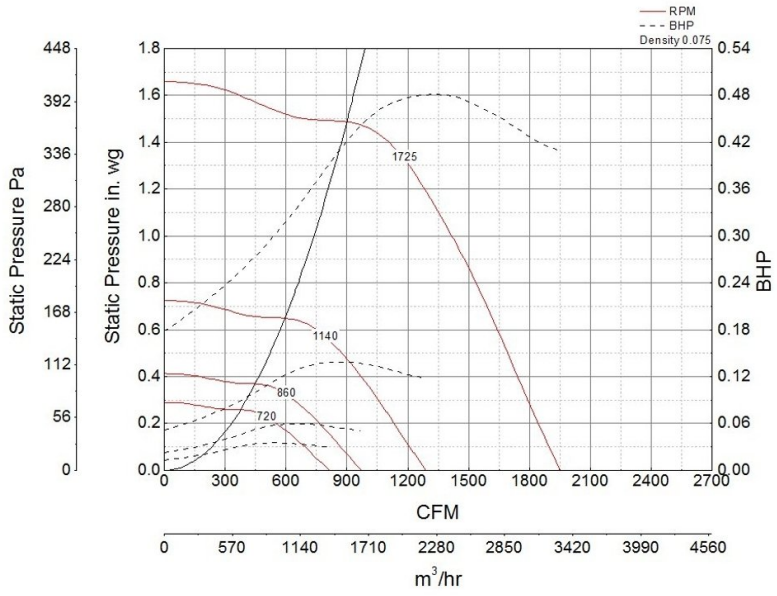
A	B	C	D
19 in	21 in	19 in	15.875 in

Certifications

AMCA Sound & Air Performance

UL/cUL 705

Performance Characteristics



Construction Features

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

Motor Information

Motor Insulation	B
Motor Phase	1
Motor Type	BrushlessDC
Service Factor	1

Voltage	115
HP	1/2
Hertz	60
Motor Enclosure	n/a
RPM	1800
Thermal Protection	AutoOverload
Nominal Efficiency	85
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	1.25
1/2	0.03	720	0	CFM	813	660	435	-	-	-	-	-	-	-
				Sones	2.7	2.1	1.7	-	-	-	-	-	-	-
1/2	0.06	860	0	CFM	971	843	704	-	-	-	-	-	-	-
				Sones	4.4	4.1	3.3	-	-	-	-	-	-	-
1/2	0.14	1140	0	CFM	1,287	1,190	1,095	992	873	693	-	-	-	-
				Sones	7.4	7.2	7	6.3	5.9	5.8	-	-	-	-
1/2	0.48	1725	0	CFM	1,948	1,884	1,819	1,754	1,692	1,629	1,563	1,492	1,417	1,240
				Sones	14.7	14.1	13.8	13.6	13.5	13.4	13.2	13	12.6	11.9

- 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.
- 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