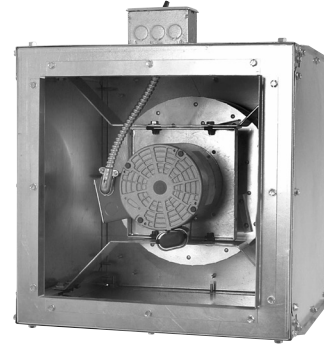


# MODEL SQD

## SQUARE INLINE DIRECT DRIVE CENTRIFUGAL DUCT FAN



MIXED FLOW/CENTRIFUGAL INLINE FANS

### APPLICATION

Model SQD square inline duct mounted fans are available in sizes 6 through 15, moving up to 2,800 CFM, with static pressure capabilities to 1". SQD units are the perfect selection for clean air applications where space is a leading consideration. The compact housing with removable access doors and side discharge capability can be mounted in any orientation. AMCA licensed performance and UL listing assure that you have made a reliable selection.

### CONSTRUCTION

#### Housing

- Heavy-gauge galvanized steel for extra strength.
- Integral inlet and outlet duct collars
- Universal mounting - horizontal, vertical or any angle.
- Easy access for service with removable side panels, without disconnecting duct.

#### Centrifugal Wheel

- All aluminum backward inclined wheel.
- Nonoverloading for safe operation in ducted systems.
- Statically and dynamically balanced for smooth operation.
- SQD 06 has composite wheel.

### Motors

- Single speed totally enclosed are standard.
- All motors are rated for continuous duty.
- Standard motors are permanently sealed ball bearing type.
- SQD06 has an external rotor motor.

### AMCA SEAL



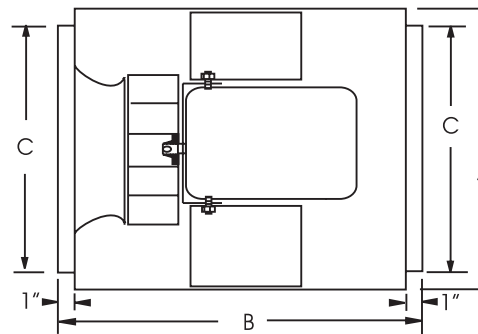
JencoFan, Div. of Soler & Palau Ventilation Group, certifies that the Models SQD shown herein are licensed to bear the AMCA Seal. The ratings shown are based on test and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirement of the AMCA Certified Ratings Program.



UL-705 LISTED POWER VENTILATOR

### DIMENSIONAL DATA

MODEL SQD	A	B	C	Average Ship Wt. Lbs.
6	13	14	8 7/8	30
8	16	17	11 7/8	60
10	19	20	13 7/8	75
12	23	24	15 7/8	90
15	28	29	19 7/8	120



### ACCESSORIES

MODEL SQD	DAMPER		DAMPER MOTOR (LOOSE)	VIBRATION ISOLATORS HANGING STYLE		VIBRATION ISOLATORS FLOOR MOUNT		SPEED CONTROL		
	OD	STOCK NO.	STOCK NO.	RUBBER STOCK NO.	SPRING STOCK NO.	RUBBER STOCK NO.	SPRING STOCK NO.	115/1/60		230/1/60
								5 AMP STOCK NO.	10 AMP STOCK NO.	STOCK NO.
6	9	411009 ●	411611 ●	VHRSQ06-15 ●	VHSSQ06-20 ●	VFRSQ06-15 ●	VFSSQ06-20 ●	2727.1 ●	N/A	N/A
8	12	411012 ●	411611 ●	VHRSQ06-15 ●	VHSSQ06-20 ●	VFRSQ06-15 ●	VFSSQ06-20 ●	2727.1 ●	N/A	3232.1 ♦
10	14	411014 ●	411611 ●	VHRSQ06-15 ●	VHSSQ06-20 ●	VFRSQ06-15 ●	VFSSQ06-20 ●	2727.1 ●	2828.1 ●	3232.1 ♦
12	16	411016 ●	411611 ●	VHRSQ06-15 ●	VHSSQ06-20 ●	VFRSQ06-15 ●	VFSSQ06-20 ●	2727.1 ●	2828.1 ●	3232.1 ♦
15	20	411020 ▲	411611 ▲	VHRSQ06-15 ▲	VHSSQ06-20 ▲	VFRSQ06-15 ▲	VFSSQ06-20 ▲	N/A	2828.1 ●	3232.1 ♦

**SPEED CONTROL**      **2727.1 MAX 1/3 HP-5 AMP 120V**  
**2828.1 MAX 1/2 HP-10 AMP 120V**

Ship Schedules:
● Next Day Shipment From Stock
▲ 3 Day Shipment From Stock
♦ 10 Day Shipment

ALL DIMENSIONS IN INCHES, WEIGHTS IN POUNDS. OD IS OUTSIDE DIMENSION OF SQUARE DAMPER. DUE TO CONTINUING RESEARCH, Jencofan RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE. Please refer to the General Catalog or contact the Factory for our Full Line of products available on standard shipping schedules.

**MIXED FLOW/CENTRIFUGAL INLINE FANS**

<b>MODEL SQD</b>					<b>Square Inline Direct Drive Centrifugal Duct Fan</b>							<b>Ventilator with Totally Enclosed Motor</b>	
MODEL SQD	MOTOR Hp	MAX BHP	RPM	SONES @ 1/4 SP	CFM at Static Pressure							115/1/60*	208-230/1/60*
					1/8	1/4	3/8	1/2	5/8	3/4	1	STOCK NO.	STOCK NO.
60	100 WATT	.95 MAX AMPS @ 115/60/1	1250	2.2	162	102	-	-	-	-	-	SQD601AS ●	N/A
			1500	3.5	208	174	116	-	-	-	-		
			1850	5.4	269	245	215	170	130	-	-		
			2100	6.8	312	290	268	240	201	158	-		
			2400	8.6	362	343	324	304	281	250	176		
			2700*	10.4	406	389	372	355	337	316	257		
825	1/4	0.18	1050	3.8	398	276	-	-	-	-	-	SQD8251AS ●	SQD8251CS ◆
			1200	5.4	482	388	259	-	-	-	-		
			1400	7.2	588	514	427	313	-	-	-		
			1550	8.5	665	600	528	444	335	-	-		
1025	1/4	0.16	900	4.5	692	514	-	-	-	-	-	SQD10251AS ▲	SQD10251CS ◆
			1000	6.0	804	651	434	-	-	-	-		
			1050	6.8	858	714	547	-	-	-	-		
			1150*	8.3	964	836	698	473	-	-	-		
1050	1/2	0.38	1050	6.0	845	703	524	-	-	-	-	SQD10501AS ●	SQD10501CS ◆
			1200	8.1	1000	883	748	584	-	-	-		
			1350	10.1	1151	1050	940	815	667	-	-		
			1450	11.2	1250	1158	1058	949	826	680	-		
			1650	13.9	1445	1366	1283	1194	1098	993	740		
			1710*	14.7	1505	1430	1350	1266	1175	1078	852		
1225	1/4	0.19	900	6.0	1051	809	529	-	-	-	-	SQD12251AS ▲	SQD12251CS ◆
			1000	7.6	1216	1003	774	-	-	-	-		
			1050	8.4	1297	1096	883	640	-	-	-		
			1100	9.3	1377	1187	986	767	-	-	-		
1250	1/2	0.55	950	6.4	1129	920	654	-	-	-	-	SQD12501AS ●	SQD12501CS ◆
			1050	7.8	1287	1106	890	651	-	-	-		
			1300	11.9	1673	1526	1380	1215	1020	825	-		
			1500	15.6	1975	1844	1719	1591	1451	1292	950		
			1620*	17.7	2159	2033	1918	1802	1680	1548	1237		
1550	1/2	0.51	700	6.1	1517	1174	793	-	-	-	-	SQD15501AS ▲	SQD15501CS ◆
			800	8.0	1839	1515	1233	833	-	-	-		
			900	10.2	2152	1849	1585	1335	994	-	-		
			1000	12.7	2456	2178	1924	1695	1469	1187	-		
			1060*	14.6	2658	2399	2151	1928	1719	1501	-		

\* True motor speed - other speeds based on speed control use.

Performance certified is for installation Type B-free inlet, ducted outlet.  
 Power ratings (BHP) do not include transmission losses.  
 Performance ratings do not include the effects of appurtenances (accessories).

The sound ratings shown are loudness values in fan sones at 5 feet (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Installation Type A: free inlet hemispherical sone levels.

Use 5 AMP Speed Control for motors 1/3 HP and smaller.  
 Use 10 AMP Speed Control for motors 1/2.

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