



May not be exactly as shown

SD-EC SERIES

Standard wall exhaust fans with EC motor

Canarm/LFI's standard fans follow a tradition of quality in design, materials and construction. All our standard fans are developed to be efficient and economically priced. Fans are now available with EC motors allowing you to **save up to 70% on energy costs.**

To determine the proper Canarm/LFI fan for your applications, use the following formula.

Number of cubic feet in room / Number of minutes per air change = Required CFM Capacity

EXAMPLE: A general office, (see chart) which requires an air change every ten minutes, would require the following fan capacity.

If office is 100' x 40' x 10' = 40,000 cubic ft

40,000 cubic ft / 10 minutes per air change = 4000 Required CFM

From the chart, you would select a fan that is rated at 4000 CFM at 1/8" S.P. (Static Pressure)

FEATURES

- Available in 8" to 36" sizes.
- High efficiency totally enclosed EC motor.
- Rugged steel welded box housing with durable powder coat finish.
- Osha guard on intake side of fan.
- Shipped completely assembled.
- 8" - 24" sizes: Now upgrades with tie bar shutters and magnets for quieter operation and superior seal.

Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change
Assembly Hall	7	Church	15	Foundry	4
Attic	2	Classroom	6	Garage	5
Auditorium	10	Dance Hall	5	General Office	10
Barber Shop	6	Department Store	6	Gymnasium	8
Basement	8	Dry Cleaning	5	Laundry	2
Battery Room	4	Engine Room	6	Locker Room	3
Boiler Room	1	Factory	6	Machine Shop	8
Bowling Alley	5	Forge Room	3	Plating Room	3
Pressing Room	1	Summer Cooling	1	Toilet	3
Projection Booth	2	Transformer Room	1	Warehouse	12
				Welding Shop	2

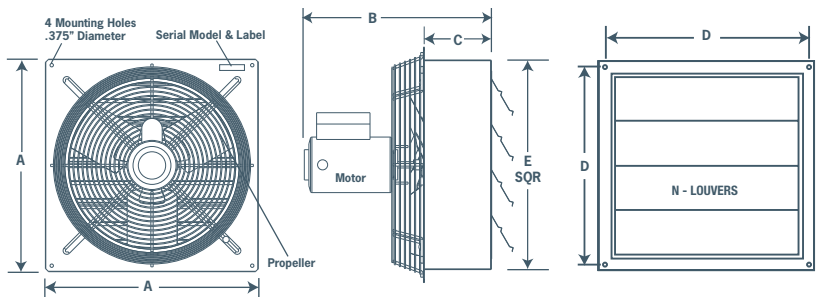
PERFORMANCE SPECIFICATIONS

MODEL	SPEED	BLADE DIAMETER	RPM	HP	VOLTAGE	AMPS (FLA)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				FRAMING DIMENSIONS
									0.00"	0.10"	0.125"	0.25"	
SD8-ECV	Variable	8"	1800	1/4	115/208-280	2.8/1.7-1.3	12	48	360	270	230	0	11" X 11"
SD10-ECV	Variable	10"	1800	1/4	115/208-280	2.8/1.7-1.3	13	56	690	590	570	0	13" X 13"
S12-EC	Variable	12"	1800	1/4	115/208-280	2.8/1.7-1.3	32	60	1650	1540	1510	1390	15" X 15"
S14-EC	Variable	14"	1800	1/4	115/208-280	2.8/1.7-1.3	34	65	2180	2080	2060	1890	17" X 17"
S16-EC	Variable	16"	1800	1/4	115/208-280	2.8/1.7-1.3	36	63	2370	2270	2210	2063	19" X 19"
S18-EC	Variable	18"	1800	1/2	115/208-280	3.5/2.2-1.7	37	73	3200	3090	3040	2920	21" X 21"
S20-EC	Variable	20"	1800	1/2	115/208-280	5.3/3.3-2.6	45	77	3440	3240	3180	2930	23" X 23"
SD24-EC	Variable	24"	1200	1/2	115/208-280	5.7/3.5-2.8	56	70	5050	4910	4810	4400	27" X 27"
SD30-EC	Variable	30"	1000	3/4	115/208-280	9.5/5.2-4.2	72	82	8000	7000	6000	5000	33" X 33"
SD36-EC	Variable	36"	1000	3/4	115/208-280	9.5/5.2-4.2	88	84	10000	8500	8000	6200	39" X 39"

Please note: The above is subject to change without notice as these are still in development.

DIMENSIONS

FAN SIZE	A X A SQUARE	B	C	D (c/c)	E	N
8"	13 1/4"	13 1/2"	4"	12"	10 3/4"	2
10"	15 1/4"	13 1/2"	4"	12"	12 3/4"	2
12"	17 1/4"	16 1/2"	6"	16"	14 3/4"	3
14"	19 1/4"	16 1/2"	6"	18"	16 3/4"	3
16"	21 1/4"	16 1/2"	6"	20"	18 3/4"	4
18"	23 1/4"	16 1/2"	6"	22"	20 3/4"	4
20"	25 1/4"	17"	6 3/4"	24"	22 3/4"	5
24"	29 1/4"	18"	6 3/4"	28"	26 3/4"	5
30"	35 1/4"	19"	6"	34"	32 3/4"	16
36"	41 1/4"	19"	6"	40"	38 3/4"	20



ACCESSORIES

- Grey plastic weather hood
- Galvanized metal hood
- 0V to 10V Control

For a complete listing of all available hoods, see Hoods page.

For all available control options, see Controls & Thermostats section.