

# GREEN SERIES 2 SPEED SD-EC

## Standard Wall Exhaust Fans



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 number of minutes per air changes, use the following formula.  
**Number of cubic feet in room / CFM of fan = Minutes per air change**

EXAMPLE: For a room 10' x 10' x 10' using a fan with a 360 CFM on high speed and a 300 CFM on low speed would have the following minutes per air change:

$$\begin{aligned} \text{High speed: } & \frac{10 \times 10 \times 10}{360} = 2.7 \text{ min per air change} \\ \text{Low speed: } & \frac{10 \times 10 \times 10}{300} = 3.3 \text{ min per air change} \end{aligned}$$

### FEATURES

- Smooth, quiet, reliable, maintenance free operation.
- Durable steel construction with grey powder coat finish.
- 8" and 10" sizes.
- High efficiency EC motor
  - 2 speed with optional speed control CNSC08/10EC (sold separately)
  - Totally enclosed with sealed ball bearings
- Quiet, aluminum shutters with tie bar to maximize airflow and a magnet to prevent flapping and provide a superior seal.
- Zinc plated OSHA guard.
- Fans fully assembled.
- Easy to install. Mount fan using four screws.

### SUGGESTED MINUTES PER AIR CHANGE

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

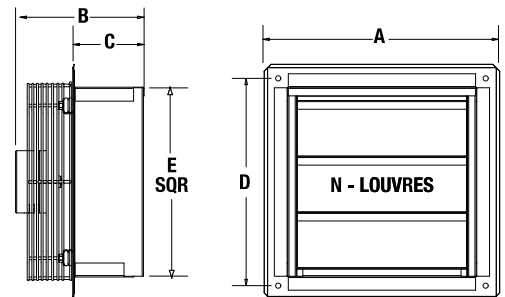
### PERFORMANCE SPECIFICATIONS

MODEL	BLADE DIAMETER	HP	SPEED	VOLTAGE	MAX AMPS	RPM	CFM	dB(A) @5 ft	WEIGHT (LBS)
SD08-EC	8"	32W	2 Speed	115	0.27	1800/1300	360/300	48	13
SD10-EC	10"	32W	2 Speed	115	0.27	1800/1300	690/580	55	15

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

### DIMENSIONS

MODEL	A x A SQUARE	B	C	D (c/c)	E SQR	N (# OF LOUVRES)	FRAMING
SD08-EC	13 x 13	8 7/8"	5 3/16"	11"	9 3/4"	2	10" x 10"
SD10-EC	15 x 15	8 7/8"	5 3/16"	13"	11 3/4"	3	12" x 12"



### ACCESSORIES

- Grey plastic weather hood
- Galvanized metal hood
- 2 speed switch
- Thermostat

For a complete listing of all available hoods, see Hoods page.  
 For all available control options, see Controls & Thermostats tab.