

# GREEN SERIES - PREMIUM EFFICIENCY SUPPLY FANS



Green series premium efficiency supply fans are ideal for commercial applications such as kitchens, restaurants, schools, apartments and office buildings. They also provide an economical and practical solution to meet NFPA 96 separation requirements between supply & exhaust air streams in commercial kitchen applications.

## FEATURES

- High efficiency direct drive EC motor for energy efficient low maintenance applications.
- Galvanized steel housing.
- Weather proof cabinet designed for outdoor roof mounting.
- Filters designed with large surface area for efficient filtration.
- Washable aluminum mesh filter are located in the intake hood and are accessible through the hood end cap for ease of service.
- All motors are 120/208-240V single phase only.
- Easy on-site addition of customer supplied air supply duct extension between the intake hood and unit provides additional separation where necessary.
- EC Motor offers true variable speed operation and up to 70% energy savings over PSC motors.



## PERFORMANCE SPECIFICATIONS

MODEL	MOTOR			AIRFLOW (CFM) @ STATIC PRESSURE															
	HP	VARIABLE SPEED	MAX RPM	0"			1/4"		1/2"		3/4"		1"		1 1/4"			1 1/2"	
				High	Low	Sones	High	Low	High	Low	High	Low	High	Low	Sones	High	Low		
SF5-ECM	1/2	Y*	1200	1638	750	15.5 / 4.3	1452	600	1187	600	756	600	448	500	122	122	21.2 / 21.2	-	-
SF7-ECM	1/2	Y*	1100	1975	1100	16 / 6.4	1649	600	1312	400	979	400	664	400	-	-	-	-	-
SF8-ECM	1/2	Y*	1000	2701	1800	12.3 / 7.3	2461	600	1984	400	1448	400	1226	400	845	300	20 / 17.8	-	-
SF9-ECM	1	Y*	1000	3404	1800	18.2 / 7.3	3253	600	2807	400	2500	400	2244	400	1855	300	21.3 / 17.8	962	300

\* Review fan curves before adjusting RPM to ensure load does not exceed motor HP.  
 • Minimum motor speed 425 RPM.

## DIMENSIONS

MODEL	A	B	D	E	F	G	H	L	M	Z	FILTERS		*INSIDE CABINET	Net Weight (lbs)	Curb OD Dimension sq (12" high)
											SIZE	QUANTITY			
SF5-ECM	22"	24"	10 1/4"	11 7/8"	5"	3 7/8"	7 7/8"	19 3/8"	18 1/8"	19 7/8"	16" x 25" x 1"	1	21 7/8" x 21 7/8"	98	19.5"
SF7-ECM	22"	24"	11 7/8"	13 1/4"	4 7/16"	3 1/4"	6 7/8"	19 3/8"	18 1/8"	19 7/8"	16" x 25" x 1"	1	21 7/8" x 21 7/8"	112	19.5"
SF8-ECM	32"	32"	13 3/4"	15 7/8"	8 1/16"	9 1/4"	9"	25"	24 5/8"	25"	16" x 25" x 1"	2	31 7/8" x 31 7/8"	150	30.5"
SF9-ECM															

\* Curb size to be smaller than inside cabinet to allow for flashing and roofing.

