



GREEN SERIES SISDD

Side Intake Filtered Fresh Air Supply Units

FEATURES

- High efficiency direct drive motor for energy efficient low maintenance applications.
- Side intake provides a means to meet supply and exhaust air separation in restaurant applications.
- Easy on-site addition of customer supplied air supply duct extension provides additional separation where necessary.
- Filters designed with large surface area for efficient filtration.
- Green weather resistant baked powder coat finish.
- 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"		0.25"		0.5"		0.75"		1"		1.25"		1.5"		1.75"	
				High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
SIS9DD050EC	1/2	Y*	1200	1600	750	1550	600	1450	600	1350	600	1200	500	450	400				
SIS9DD100EC	1	Y*	1200	2050	750	2000	600	1950	600	1700	600	1200	500	450	400				
SIS10DD050EC	1/2	Y*	1100	1975	1100	1750	600	1400	400	1150	400	800	400						
SIS10DD100EC	1	Y*	1100	2500	1100	2300	600	2050	400	1800	400	1400	400	750	300				
SIS12DD050EC	1/2	Y*	1000	2600	1800	2300	600	1925	400	1500	400	850	400	600	300				
SIS12DD100EC	1	Y*	1000	3300	1800	3100	600	2800	400	2550	400	2300	400	1650	300	400	300		

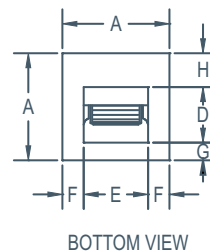
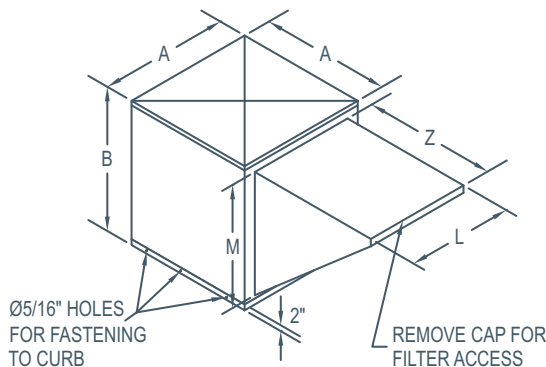
* Minimum motor speed 425 RPM (EC Models)

EC motors can be controlled using the built in potentiometer on motor or by using a 0 to 10 V controller, or by a remote potentiometer.

*REVIEW FAN CURVES BEFORE ADJUSTING RPM TO ENSURE LOAD DOES NOT EXCEED MOTOR HP.



DIMENSIONS



MODEL	A	B	D	E	F	G	H	L	M	Z	FILTERS		*INSIDE CABINET	UNIT WEIGHT (LBS) (without motors & drives)
											SIZE	QUANTITY		
SIS-9DD	24 3/8"	19 3/8"	10 1/4"	11 13/16"	6 9/32"	7 1/16"	7 1/16"	19 1/4"	16 9/16"	21 1/4"	16" x 24" x 1"	1	24"x 24"	70
SIS-10DD	28 3/8"	21 3/8"	11 3/8"	13 1/8"	7 5/8"	8 1/2"	8 1/2"	20 1/2"	18 9/16"	25 3/4"	15" x 20" x 1"	2	28"x 28"	87
SIS-12DD	32 3/8"	24 5/8"	13 7/16"	15 5/8"	8 3/8"	9 15/32"	9 15/32"	25 3/8"	21 9/16"	30 3/4"	20" x 25" x 1" & 16" x 25" x 1"	1 & 1	32"x 32"	117

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

** Includes filter section.