



GREEN SERIES 700DD-EC

Filtered Fresh Air Supply Units

FEATURES

- High efficiency direct drive motor for energy efficient low maintenance applications.
- Grey, weather resistant baked powder coat finish.
- Latched top cover provides convenient service access to 4 filters.
- EC Motor offers true variable speed operation and up to 70% energy savings over PSC motors.

PERFORMANCE SPECIFICATIONS

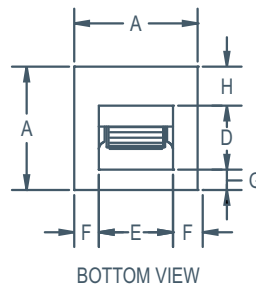
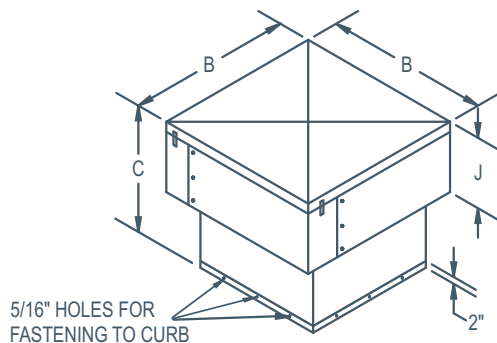
MODEL	MOTOR			TYPICAL MAXIMUM CFM @ SP																				
	HP	Variable Speed	Max RPM	Speed	1/4"				1/2"				3/4"				1"				1 1/4"			
					CFM	BHP	FEI	FEPact (KW)	CFM	BHP	FEI	FEPact (KW)	CFM	BHP	FEI	FEPact (KW)	CFM	BHP	FEI	FEPact (KW)	CFM	BHP	FEI	FEPact (KW)
709DD050EC	1/2	Y*	1200	High Low	1850 600	- -	- -	- -	1650 500	- -	- -	- -	1425 500	- -	- -	- -	1250 500	- -	- -	- -	500 450	- -	- -	- -
709DD100EC	1	Y*	1200	High Low	2400 600	0.99 0.06	0.84 2.00	0.88 0.09	2275 500	0.99 0.10	0.93 1.66	0.88 0.13	2087 500	0.97 0.16	0.98 1.42	0.87 0.18	1400 500	0.59 0.22	1.16 1.28	0.55 0.23	472 400	0.28 0.26	1.16 1.13	0.28 0.27
710DD050EC	1/2	Y*	1100	High Low	1900 600	- -	- -	- -	1400 500	- -	- -	- -	1050 500	- -	- -	- -	750 500	- -	- -	- -	500 400	- -	- -	- -
710DD100EC	1	Y*	1100	High Low	2600 600	0.97 0.10	0.83 1.44	0.87 0.09	2250 500	0.98 0.16	0.83 1.17	0.87 0.18	1900 500	0.99 0.26	0.80 0.95	0.88 0.27	1600 500	0.77 0.37	0.99 0.95	0.70 0.36	700 400	0.59 0.44	0.77 1.13	0.55 0.27
712DD050EC	1/2	Y*	1000	High Low	2650 800	- -	- -	- -	2300 600	- -	- -	- -	1900 600	- -	- -	- -	1425 600	- -	- -	- -	1100 500	- -	- -	- -
712DD100EC	1	Y*	1000	High Low	3575 800	1.00 0.08	1.09 1.96	0.89 0.11	3250 600	0.98 0.11	1.17 1.70	0.87 0.13	2950 600	0.98 0.18	1.22 1.42	0.87 0.20	2675 600	0.99 0.25	1.25 1.27	0.88 0.26	2000 600	0.80 0.33	1.30 1.15	0.72 0.33

* 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	C	D	E	F	G	H	J	FILTERS		*INSIDE CABINET	WEIGHT (lbs) without motor
										SIZE	QUANTITY		
709DD	24 3/8"	32 3/8"	24 3/8"	10 1/4"	11 13/16"	6 9/32"	7 1/16"	7 1/16"	10 1/4"	10"x 20"	4	24"x 24"	84
710DD	28 3/8"	38 1/2"	28 1/4"	11 3/8"	13 1/8"	7 5/8"	8 1/2"	8 1/2"	12 1/4"	12"x 24"	4	28"x 28"	108
712DD	32 3/8"	42 5/8"	31 3/8"	13 7/16"	15 5/8"	8 3/8"	9 15/32"	9 15/32"	16 1/2"	16"x 25"	4	32"x 32"	150

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