ECOAIR FIBERGLASS FANS

HIGH EFFICIENCY • LOW COST MAINTENANCE • LOW COST INSTALLATION

IDEALLY SUITED FOR POULTRY, SWINE, DAIRY AND GREENHOUSE APPLICATIONS



FEATURES

- Heavy Duty Fiberglass Injection Molded Housing
- Performance enhancing cone included
- All fans are fully tested before shipping.
- Designed with smooth inside and outside for improved cleaning.
- Self draining, sloped housing is quick & easy to clean reducing maintenance costs.
- Belt or direct drive options available
- All fans have smooth operating, easy to clean poly shutters.

OPTIONS

- HE, EC or AC motor.
- 3 phase motor 208-230/460 volt option available on some units.
- FRP board winter inserts available with unique double seal.

WARRANTY

• 10 years on housings • 1 year on balance of fan

SPECIFICATIONS

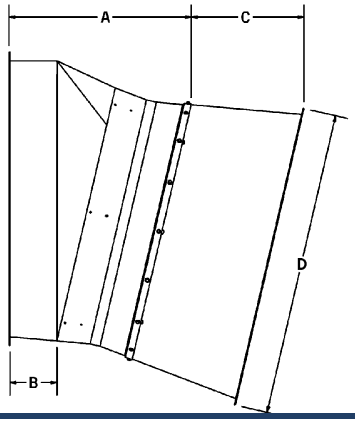
		Specifications					Model Number	TESTED AT	Performance										
		motor				blade mat'l			rpm	Dba	cone	0.00"SP			0.05"SP			0.10"SP		
		type	speed	hp	hz							cfm	cfm/w	amps	cfm	cfm/w	amps	cfm	cfm/w	amps
DIRECT DRIVE	36"	EC	Vari	3/4	50/60	galv.	FGC36W-EC	CANARM	850	75	Y	14240	22	2.5	13260	19.5	2.61	12580	16.8	2.79
DIRECT DRIVE	36"	AC	Single	1	60	galv.	FGC36W23G31	CANARM	850	75	Y	14510	18.1	3.55	13450	15.8	3.69	13020	14.8	3.81
DIRECT DRIVE	36"	AC	Single	1/2	60	galv.	FGC36W40G31	CANARM	850	75	Y	11400	20.1	2.6	10600	17.6	2.63	9800	15.9	2.7
DIRECT DRIVE	54"	HE	Vari	2	50	galv.	FGC54W-HE	CANARM	600	70	Y	29670	23	3.9	28130	20.5	4.1	26560	18.5	4.3
									524		Y	25820	28.5	3	24010	25	3.3	22120	22	3.4
BELT DRIVE	54"	AC	ON/OFF	2	60	galv.	FGC54	CANARM	575	75	Y	28490	18.5	6.9	26890	17	7.1	25340	16	7.3

Note: Wind has a significant effect on exhaust fans. A 10 mph wind creates a 0.05" pressure against the fan. A 20 mph wind creates 0.20" pressure and 30 mph a 0.45" pressure. These pressures are in addition to the static pressure in the building.

• The DbA (Noise Level) on 54" Panel Fan is approximately 80 DbA. Variable speed option available. New EC motor 1h (P1174-AEC) Fan model #(PF54-AEC-2022), control needs to be a 0-10v control. For a stand alone system we offer the (Phason CNSSV-DC) or any 0-10v control. The Cyclones are controlled by a VFD and 0-10v controller as well.

DIMENSIONS

FAN SIZE	FAN		CONE		FRAMING DIMENSIONS		
					WIDTH	HEIGHT	
	A	B	C	D	All Walls	4" & 6" Wall	9" Wall
36"	27"	8"	24"	42"	45.5"	45.5"	45.5"
54"	25"	8"	32"	63.5"	63.75"	63.75"	64.25"



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Printed in Canada