

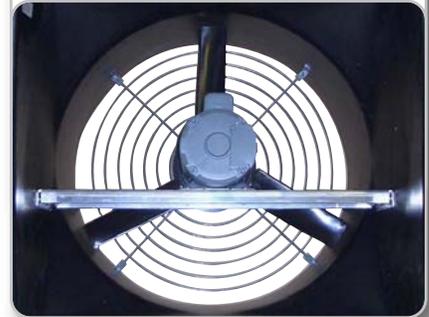


## GOOD PERFORMANCE • DEPENDABLE • GREAT VALUE

Ideally suited for swine and poultry buildings.



### PLATFORM MOUNT



### EASILY REMOVABLE SHUTTERS

Flip latch open to release shutter



### FEATURES

- 12" to 36" Sizes
- Molded impact resistant black polyethylene housings with UV prohibitors.
- Standard base mount motors are easily replaced.
- Easy to remove shutter with welded steel frame and aerodynamic PVC louvers are held in place by a stainless spring steel pin and is virtually indestructible.
- Powder coated exhaust guard.
- Corrosion proof airfoil polypropylene blades on 12" to 24" sizes.
- 36" fan has a galvanized blade.
- Heavy duty motors are totally enclosed, ball bearing, high efficiency dual voltage, single phase, 60 Hz (PLF36-H is 230 volt only).

**High Volume 36" Model - 16,000 cfm - Tested at BESS Labs**

Detailed product specifications on back.

## ACCESSORIES

### CONES



Performance enhancing cones in durable black polyethylene are available for 24" and 36" fans.

### WINTER INSERTS



Insulated 16" to 36" winter inserts. R8 insulation value and unique double seal protect against heat loss.

### HOODS



Low air restriction 12" to 24" weather hoods. Most hoods restrict 20 to 35% of air flow, our design restricts less than 10%.

## WARRANTY

- 5 years on plastic housing
- 1 year on all other components



## SPECIFICATIONS

	Specifications						Model	TESTED AT	Test Code	Performance								Rough Opening Required				
	Motor				Shutter Frame	Blade mat'l				rpm	DbA	cone	0.00" SP		0.05" SP				0.10" SP		AFR	
	type	spd	volt	hp									cfm	cfm/w	cfm	cfm/w	amps		cfm	cfm/w		
DIRECT	12"	Leeson	variable	115/230 dual voltage	1/4	Stainless Steel	Plastic	PLF12-EVDL		210336V	1625	65	N	1300	7.1	1150	6.5	1.06	600	3.6	0.30	15" Sqr
	16"	Leeson						PLF16-EVDL		210365V	1625	72	N	2600	9.3	2350	8.7	1.39	2150	8.0	0.54	19.25" Sqr
	18"	Leeson						PLF18-FVDL		210389V	1625	75	N	3450	10.1	3150	9.5	1.69	2900	8.7	0.65	21.25" Sqr
	24"	Leeson	variable	115/230 dual voltage	1/3	Stainless Steel	Plastic	PLF24-M		210473V	1100	75	N	5300	13.1	4800	11.9	1.79	4250	10.7	0.66	27.25" Sqr
														6000	14.5	5550	13.4	1.86	5000	12.0	0.61	
		Leeson	variable	115/230 dual voltage	1/2	Galvanized	Galvanized	PLF24-GVDL		210461V	1625	81	N	5800	10.7	5400	10.0	2.41	4900	9.2	0.75	
														6200	11.5	5850	10.7	2.41	5450	10.1	0.77	
	36"	Canarm	single	230	1.0	Galvanized	Galvanized	PLF36-MP		210557	850	75	N	11050	19.8	10150	17.0	2.92	9250	14.6	0.70	40.25" Sqr
														11700	21.7	10850	19.0	2.77	9700	15.8	0.66	
		Canarm	PLF36-H*		02198*	850	75	N	14320	14	13500	13.0	4.53	12500	11.9	0.79						
02199*	Y	15920	16.4	15170	15.3				4.36	14100	13.8	0.78										

**Notes:** AFR is the airflow ratio. Higher AFR indicates better performance under static pressure and against wind. It is calculated by dividing fan cfm at 0.20 static pressure by cfm at 0.05 sp.

Test results are complete with cone where indicated. All tests completed with shutters installed.

Amps indicated are actual at 230 volts. When determining amp load for variable speed, add 20% to listed numbers.

Amp loads for 115 volt supply will be approximately double.

\* Certified performance by BESS Labs, University of Illinois



**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. Wind blocks or hoods should be included in all designs where fans will be subjected to winds above 10 mph.

## GUARANTEED PERFORMANCE

Canarm guarantees the performance of our fans. All fans with test numbers will perform as indicated when properly maintained (reports are available upon request). Our fans are tested in our AMCA fig 15 test chamber. The test chamber was designed and built to exacting AMCA/ASHRE standards for Canarm. A regimented calibration and verification schedule is followed. Be assured, Canarm fans provide the performance you require and expect.