

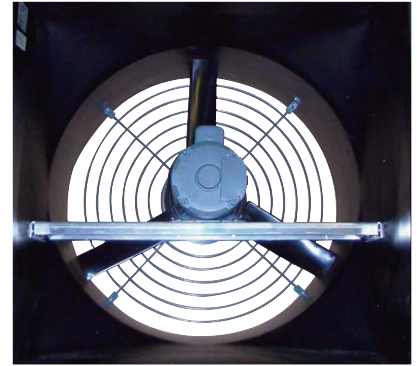
GOOD PERFORMANCE • DEPENDABLE • GREAT VALUE

IDEALLY SUITED FOR SWINE AND POULTRY BUILDINGS

NOW AVAILABLE WITH
EC MOTORS
for energy savings



PLATFORM MOUNT



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, aerodynamic PVC louvers, and 1.5"x1.5" protective mesh screen 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 and shutter frame.
- Heavy duty motors are totally enclosed, ball bearing, high efficiency dual voltage, single phase, 60 Hz (PLF36-H is 230 volt only).
- Also available with EC motor.

EASILY REMOVABLE SHUTTERS

Flip latch open to release shutter



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

MODEL	SIZE	TYPICAL MAXIMUM CFM AT STATIC PRESSURE (in wg.)																ROUGH OPENING
		MOTOR				0" SP				1/10" SP				1/4" SP				
		speed	volts	hp	RPM	CFM	FEP (kW)	FEI	CFM/W	CFM	FEP (kW)	FEI	CFM/W	CFM	FEP (kW)	FEI	CFM/W	
PLF12-EVDL Test #: 24191	12"	variable	115/230V	1/4	1625	870	0.16	1.05	5.6	320	0.12	0.74	2.0	110	0.11	0.62	0.6	15 in ²
PLF16-EVDL Test #: 24187	16"	variable	115/230V	1/4	1625	2330	0.31	1.16	8.6	1760	0.31	1.25	7.2	740	0.22	0.82	2.8	19 1/4 in ²
PLF18-FVDL Test #: 24186	18"	variable	115/230V	1/3	1625	2830	0.37	1.17	8.9	2070	0.35	1.18	7.0	1140	0.29	0.91	3.6	21 1/4 in ²
PLF24-M Test #: 24190	24"	variable	115/230V	1/3	1075	5240	0.59	1.37	12.2	3730	0.54	1.41	9.7	2250	0.46	1.11	5.4	27 1/4 in ²
PLF24-GVDL Test #: 24188	24"	variable	115/230V	1/2	1625	5820	0.64	1.09	9.9	5030	0.69	1.20	8.7	3140	0.60	1.11	5.9	27 1/4 in ²
PLF36-MP1 Test #: 24192	36"	single	115/230V	1/2	855	9110	0.94	2.13	20.7	7420	0.97	1.90	14.6	4390	0.78	1.19	6.7	40 1/4 in ²
PLF36-H Test #: 24189	36"	single	230V	1	790	12760	1.27	1.57	15.8	11110	1.38	1.62	13.0	7760	1.28	1.36	8.3	40 1/4 in ²



Certified performance by BESS Labs, University of Illinois.
Test results completed at 230V without accessories.

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.