



J&D Manufacturing



LEADERS IN MOVING THE WORLD'S AIR

Barnstormer

High Output Performance High Efficiency Air Circulators

J&D Manufacturing's Barnstormer is a leader in air performance and dependability. Our patented easy open front guard drastically reduces the cleaning time and maintenance cost of your fans. The tapered side guard creates a tight pattern of high velocity air and throws the air much further than other conventional basket fans. The front guard is further from the blade to reduce air resistance. Our exceptional fan velocity allows for greater distance between fans, which means less fans in your barn and more money in your pocket.

When it comes to transferring electrical energy efficiently into air energy for cooling, air recirculation or air movement, J&D Manufacturing is the world leader.

J&D Manufacturing's circulation fans when applied properly can be used in the following applications:

- Air de-stratification can help reduce heating and cooling bills
- Air exchange when placed in a wall opening or in open sidewall buildings
- Consistent air temperature throughout a room, building or barn
- Heat stress relief indoors and outdoors for young and old
- Surface drying (including animal bedding)
- People and animal cooling
- Machine/compressor cooling
- High velocity air cooling



Features

- Open front guard lowers maintenance cost
- Industry leading air velocity
- Quiet operation
- No belts or bearings to maintain
- OSHA approved when mounted 7' above floor level
- Fan and guards come completely assembled
- Variable speed motors on 12"-24" models, single speed motors on 36" models
- Totally enclosed, maintenance free, direct drive high efficiency motors have completely sealed ball bearings, UL and CUL certification (File# E219338/E315335), and are covered by a **Full Two Year Warranty**
- Single phase models have automatic overload protection
- Exclusive open front patented design, U.S. patent No. 5,348,447
- Can be used with our misting/fogging product line (see page 1405-1406)



**OSHA
Approved
Guard**

Exclusive Open Front Guard U.S. Patent No. 5,348,447

The Barnstormer is the only fan on the market with the exclusive hinged open front guard feature. This patented design helps cut cleaning and maintenance. No tools. No down time. Dirt or dust build-up is removed in minutes. Back to full energy efficient, high-output operation.





J&D Manufacturing



LEADERS IN MOVING THE WORLD'S AIR

Barnstormer



Exclusive Open Front Guard
U.S. Patent No. 5,348,447

Part#	Size	HP	Volt	Tested Amps	Hz	Phs	Spd	FPM*	Thrust (lbF)	Thrust Eff. Ratio**	kW	RPM	CCFM	CCFM Per Watt	Blade	Color
VBS12	12"	1/10	115/230	1.12/0.56	60	1	S/Var	530	.76	7.0	.109	1,695	1,380	12.7	3-Alum	White
VBS20	20"	1/3	115/230	3.52/1.76	60	1	S/Var	1,140	3.69	11.0	.336	1,706	5,060	15.1	3-Alum	White
VBS24	24"	1/2	115/230	4.16/2.08	60/50	1	S/Var	1,200	5.62	12.3	.459	1,716	7,490	16.3	3-Alum	White
VBS24B	24"	1/2	115/230	4.16/2.08	60/50	1	S/Var	1,200	5.62	12.3	.459	1,716	7,490	16.3	3-Alum	Black
VBS36A	36"	1/2	115/230	5.42/2.71	60	1	1	940	8.5	15.5	.550	823	14,000	25.5	3-Galv	White
VBS36CF	36"	1/2	208-230/460	2.71/2.44/1.22	60/50	3	1	960	8.53	13.8	.618	818	14,000	22.7	3-Galv	White

All units are DD (Direct Drive).

All units include the corresponding hot dip galvanized standard flag mount bracket.

Barnstormers do NOT include a cord. Cords are available upon special order with price adjustment.

* FPM (Feet Per Minute) - Velocity measured center line at a distance 5 times the prop diameter.

** Thrust Efficiency Ratio is calculated by dividing the Thrust (lbF) by the kW.

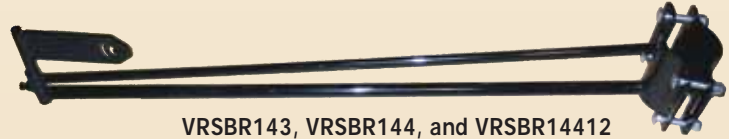
All of the above fans have been BESS Labs tested. **Bold red text is data certified by BESS Labs using AMCA Standard 230-07.**

Additional compatible and replacement brackets

Part #	Fan Size	Description	Finish
Side Mount Brackets			
VRSBR14	12"-36"	42" Extended Bracket, fits Square or Round Up Post	Powder Coated Black
VRSBR143	12"-36"	42" Extended Bracket, fits 3" Pipe - Bolt On	Powder Coated Black
VRSBR144	12"-36"	42" Extended Bracket, fits 4" Pipe - Bolt On	Powder Coated Black
VRSBR14412	12"-36"	42" Extended Bracket, 4 1/2" Pipe - Bolt On	Powder Coated Black
Ceiling Mount Brackets			
VRSBR2	12"-24"	6-Way Bracket	Powder Coated Black
VRSBR3	36"	6-Way Bracket	Powder Coated Black
VRSBR736-HDG	12"-16"	Standard Flag Mount Bracket	Hot Dip Galvanized
VRSBR8-HDG	20"	Standard Flag Mount Bracket	Hot Dip Galvanized
VRSBR5-HDG	24"	Standard Flag Mount Bracket	Hot Dip Galvanized
VRSBR6-HDG	30"-36"	Standard Flag Mount Bracket	Hot Dip Galvanized
Pole Mount Bracket			
VRSBR12	12"-36"	Pole Bracket, fits 4"-4 1/2" Tube	Powder Coated Black
VRSBR13	12"-36"	Pole Bracket, fits 3"-3 1/2" Tube	Powder Coated Black



VRSBR14



VRSBR143, VRSBR144, and VRSBR14412