



J&D Manufacturing



LEADERS IN MOVING THE WORLD'S AIR

Tornado Fiberglass Exhaust Fan

The Tornado exhaust fan from J&D Manufacturing lives up to the name. If you're looking for an all-weather fan that can really move air, the Tornado will do the job. It has a corrosion resistant molded fiberglass housing with an interior gel coat for maximum air flow. The unique motor mount design allows you to quickly and easily remove all interior fan components from the inside of the building.

Features

- **Lifetime Warranty** on the fiberglass housing and stainless steel mounts. We stand behind our product even in the harshest agricultural environments.
- Rust-free, corrosion-free, molded fiberglass housing with interior gel coat for high output performance and low maintenance
- Slant wall housing for more efficient airflow
- Poly or aluminum shutters
- Performance enhancing poly cones available on 12" – 50" fans
- 12" – 24" models are available with aluminum prop or lightweight poly prop
- 36" models available with galvanized or stainless steel prop
- 50" models available with galvanized prop or our high performance cast aluminum prop with a **Lifetime Warranty**
- Stainless steel motor mount on poly, stainless and cast aluminum props
- Galvanized motor mount on galvanized and aluminum props
- Spring belt tensioner on 50" belt drive models
- Bearings are eccentric locking, pre-lubricated, permanently sealed and rubber mounted to improve operation and reduce prop fatigue
- 12" – 24" models have energy efficient permanent split capacitor motors that can be operated with variable speed controls
- Totally enclosed, maintenance free, high efficiency motors have completely sealed ball bearings, UL/CUL certification (File # E219338/E315335), and are covered by a **Full Two Year Warranty**



24", 36", 50" Style



12"-24" Style with Poly Shutter





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Tornado Fiberglass Exhaust Fan

Part#	Size	HP	Volt	Amps	Hz	Ph	Spd	RPM	CFM/ Watt@		CFM/ Watt@		Drive	Blade
									.05" SP	.05" SP	.10" SP	.10" SP		
Aluminum Shutters														
Single Phase - No Cone														
VFA12A	12"	1/10	115/230	1.0/0.5	50/60	1	S/Var	1,725/860	1,330	10	1,220	9	DD	3-Alum
VFA12P	12"	1/10	115/230	1.0/0.5	50/60	1	S/Var	1,725/860	1,330	10	1,220	9	DD	3-Poly
VFA16A	16"	1/3	115/230	3.5/1.7	50/60	1	S/Var	1,725/860	2,470	12	2,250	11	DD	3-Alum
VFA16P	16"	1/3	115/230	3.5/1.7	50/60	1	S/Var	1,725/860	2,470	12	2,250	11	DD	3-Poly
VFA20A	20"	1/3	115/230	2.68/1.34	50/60	1	S/Var	1,704/860	3,190	11.8	2,950	10.9	DD	3-Alum
VFA20P	20"	1/3	115/230	2.68/1.34	50/60	1	S/Var	1,704/860	3,190	11.8	2,950	10.9	DD	3-Poly
VFA24A	24"	1/2	115/230	4.56/2.28	50/60	1	S/Var	1,712/860	5,180	10.5	4,900	9.9	DD	3-Alum
VFA24P	24"	1/2	115/230	4.56/2.28	50/60	1	S/Var	1,712/860	5,180	10.5	4,900	9.9	DD	3-Poly
Single Phase - With Cone														
VFA24AC	24"	1/2	115/230	4.46/2.23	50/60	1	S/Var	1,716/860	5,850	12.2	5,600	11.5	DD	3-Alum
VFA24PC	24"	1/2	115/230	4.46/2.23	50/60	1	S/Var	1,716/860	5,850	12.2	5,600	11.5	DD	3-Poly
VFA36GC	36"	1/2	115/230	5.22/2.61	50/60	1	1	841	9,500	18.2	8,700	16	DD	3-Galv
VFA36SC	36"	1/2	115/230	5.22/2.61	50/60	1	1	841	9,500	18.2	8,700	16	DD	3-SS
VFA50AC	50"	1	115/230	9.8/4.9	60	1	1	556	22,200	20.1	20,800	18.4	BD	3 CA
VFA50GC	50"	1	115/230	8/4	60	1	1	559	20,300	22.7	18,600	20	BD	3-Galv
3 Phase - With Cone														
VFA36GC3	36"	1/2	230/460	2.4/1.2	50/60	3	1	825	9,500	18.2	8,700	15.9	DD	3-Galv
VFA36SC3	36"	1/2	230/460	2.4/1.2	50/60	3	1	825	9,500	18.2	8,700	15.9	DD	3-SS
VFA50AC3	50"	1	230/460	3.1/1.4	60	3	1	560	22,200	20	20,800	18.3	BD	3 CA
VFA50GC3	50"	1	230/460	3.1/1.4	60	3	1	580	20,300	22.6	18,600	19.9	BD	3-Galv
Poly Shutters														
Single Phase - No Cone														
VFP12A	12"	1/10	115/230	1.0/0.5	50/60	1	S/Var	1,725/860	1,330	10	1,220	9	DD	3-Alum
VFP12P	12"	1/10	115/230	1.0/0.5	50/60	1	S/Var	1,725/860	1,330	10	1,220	9	DD	3-Poly
VFP16A	16"	1/3	115/230	3.5/1.7	50/60	1	S/Var	1,725/860	2,470	12	2,250	11	DD	3-Alum
VFP16P	16"	1/3	115/230	3.5/1.7	50/60	1	S/Var	1,725/860	2,470	12	2,250	11	DD	3-Poly
VFP20A	20"	1/3	115/230	2.62/1.31	50/60	1	S/Var	1,703/860	3,110	11.6	2,850	10.5	DD	3-Alum
VFP20P	20"	1/3	115/230	2.62/1.31	50/60	1	S/Var	1,703/860	3,110	11.6	2,850	10.5	DD	3-Poly
VFP24A	24"	1/2	115/230	4.4/2.2	50/60	1	S/Var	1,717/860	4,750	10	4,400	9.2	DD	3-Alum
VFP24P	24"	1/2	115/230	4.4/2.2	50/60	1	S/Var	1,717/860	4,750	10	4,400	9.2	DD	3-Poly
Single Phase - With Cone														
VFP24AC	24"	1/2	115/230	4.8/2.4	50/60	1	S/Var	1,718/860	5,550	11.5	5,200	10.9	DD	3-Alum
VFP24PC	24"	1/2	115/230	4.8/2.4	50/60	1	S/Var	1,718/860	5,550	11.5	5,200	10.9	DD	3-Poly
VFP36GC	36"	1/2	115/230	5.24/2.62	50/60	1	1	843	9,100	17.5	7,600	13.9	DD	3-Galv
VFP36SC	36"	1/2	115/230	5.24/2.62	50/60	1	1	843	9,100	17.5	7,600	13.9	DD	3-SS
VFP50AC	50"	1	115/230	9.6/4.8	60	1	1	560	22,000	20	20,800	18	BD	3 CA
VFP50GC	50"	1	115/230	9.6/4.8	60	1	1	580	20,000	22	18,600	19.5	BD	3-Galv
3 Phase - With Cone														
VFP36GC3	36"	1/2	230/460	2.4/1.2	50/60	3	1	825	9,100	17.5	7,600	13.5	DD	3-Galv
VFP36SC3	36"	1/2	230/460	2.4/1.2	50/60	3	1	825	9,100	17.5	7,600	13.5	DD	3-SS
VFP50AC3	50"	1	230/460	3.1/1.4	60	3	1	560	22,000	20	20,800	17.9	BD	3 CA
VFP50GC3	50"	1	230/460	3.1/1.4	60	3	1	580	20,000	22	18,600	19.4	BD	3-Galv

DD-Direct Drive BD-Belt Drive CA-Cast Aluminum SS-Stainless Steel

Bold red text is data certified by BESS Labs using AMCA Standard 230-07.

Fan Size	12"	16"	20"	24"	36"	50"
Rough Opening	17½" x 18½"	21½" x 23"	25¾" x 25¾"	31½" x 31½"	44" x 44"	56" x 56"