

Tornado Fiberglass Exhaust Fan

J&D Manufacturing's Tornado exhaust fan is made to withstand even the harshest agricultural environments. With its stainless steel mounts and corrosion-resistant fiberglass housing with gel coat for easy cleaning and minimal dirt build-up, the Tornado exhaust fan will provide many years of high performance ventilation.



Features

- Available in 12", 16", 20", 24", 36" and 50"
- **20 Year Warranty** on fiberglass housing
- Rust-free, corrosion-free, molded fiberglass housing with gel coat for low maintenance
- Stainless steel internal frame and hardware for corrosion resistance
- Slant wall housing for more efficient airflow
- Your choice of poly or aluminum shutter
- Spring belt tensioner on 50" belt drive models
- Performance-enhancing poly cones available on 20" – 50" fans
- 12" – 24" models have light weight poly props and energy-efficient permanent split capacitor motors that can be operated with variable speed controls
- 36" models are available with galvanized or stainless steel prop
- **Lifetime Warranty** on cast aluminum props, available on select 50" models
- 50" belt drive model's bearings are eccentric locking, pre-lubricated, permanently sealed and rubber mounted to improve operation and reduce prop fatigue and are covered by a **3 Year Warranty**
- Totally enclosed, maintenance-free, high-efficiency motors have completely sealed ball bearings, UL and CUL recognized, and are covered by a **Two Year Warranty**



50" Model with Poly Cone



Shown: Black 36" Model with Cone



12" – 16" Models



20" – 24" Models

Fan Size	Rough Opening	Minimum Distance Between Openings
12"	17½"W x 18½"H	Fans with a cone require a minimum spacing between rough openings to accommodate width of cones
16"	21½"W x 23"H	
20"	25¾"W x 25¾"H	
24"	31½"W x 31½"H	3¼"
36"	44"W x 44"H	9"
50"	56"W x 56"H	10"

⚠ WARNING: This product can expose you to chemicals including chromium, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov/product.

Due to our continual effort to provide the best products available and adhere to market conditions; literature, products, prices and availability are subject to change without notice.

Tornado Fiberglass Exhaust Fan

Part #	Sz	Ph	Spd	@0.10" SP			Drive	Prop	
				CFM	CFM/Watt				
Single Phase									
No Cone									
Aluminum Shutter									
VFA12A	12"	1	1/Var^	751	8.8		Direct	3-Alm	
VFA12P	12"	1	1/Var^	1,020	6.0		Direct	3-Ply	
VFA16A	16"	1	1	2,315	9.0		Direct	3-Alm	
VFA16P	16"	1	1	2,412	8.2		Direct	3-Ply	
VFA20A	20"	1	1	2,892	10.4		Direct	3-Alm	
VFA20P	20"	1	1	2,820	9.9		Direct	3-Ply	
VFA24A	24"	1	1	4,417	12.1		Direct	3-Alm	
VFA24P	24"	1	1	4,426	9.4		Direct	4-Ply	
VFA36G	36"	1	1	7,327	13.4		Direct	3-Glv	
VFA36N	36"	1	1	7,816	13.0		Direct	2-Nyl	
VFA50A	50"	1	1	16,274	17.4		Belt	3-CA	
VFA50A6	50"	1	1	20,136	17.7		Belt	6-Glv	
Poly Shutter									
VFP12A	12"	1	1/Var^	693	7.9		Direct	3-Alm	
VFP12P	12"	1	1/Var^	546	3.4		Direct	3-Ply	
VFP16A	16"	1	1	2,169	8.3		Direct	3-Alm	
VFP16P	16"	1	1	2,087	7.6		Direct	3-Ply	
VFP20A	20"	1	1	2,735	9.7		Direct	3-Alm	
VFP20P	20"	1	1	2,408	8.6		Direct	3-Ply	
VFP24A	24"	1	1	4,261	11.3		Direct	3-Alm	
VFP24P	24"	1	1	4,103	9.6		Direct	4-Ply	
VFP36G	36"	1	1	6,980	12.5		Direct	3-Glv	
VFP36N	36"	1	1	7,216	12.0		Direct	2-Nyl	
With Cone									
Aluminum Shutter									
VFA20AC	20"	1	1	3,115	11.8		Direct	3-Alm	
VFA20PC	20"	1	1	3,256	11.2		Direct	3-Ply	
VFA24AC	24"	1	1	5,096	13.8		Direct	3-Alm	
VFA24PC	24"	1	1	5,405	11.3		Direct	4-Ply	
VFA36GC	36"	1	1	8,116	15.0		Direct	3-Glv	
VFA36SC	36"	1	1	8,430	15.5		Direct	3-SS	
VFA36NC	36"	1	1	9,008	15.2		Direct	2-Nyl	
VFA50AC	50"	1	1	18,517	19.6		Belt	3-CA	
VFA50GC	50"	1	1	17,904	18.9		Belt	3-Glv	
VFA50AC2	50"	1	2	14,087	1,131	19.8	2.7	Belt	3-CA
VFA50A62	50"	1	2	20,318	6,932	16.1	11.3	Belt	6-Glv
VFA50GC2	50"	1	2	13,783	1,113	19.2	2.6	Belt	3-Glv
Poly Shutter									
VFP20AC	20"	1	1	2,897	11.3		Direct	3-Alm	
VFP20PC	20"	1	1	2,771	9.7		Direct	3-Ply	
VFP24AC	24"	1	1	4,818	13.0		Direct	3-Alm	
VFP24PC	24"	1	1	5,088	10.7		Direct	4-Ply	
VFP36GC	36"	1	1	7,244	13.2		Direct	3-Glv	
VFP36SC	36"	1	1	7,330	13.2		Direct	3-SS	
VFP36NC	36"	1	1	7,831	13.0		Direct	2-Nyl	
VFP50AC	50"	1	1	16,213	16.9		Belt	3-CA	
VFP50GC	50"	1	1	15,705	16.4		Belt	3-Glv	

Part #	Sz	Ph	Spd	@0.10" SP			Drive	Prop
				CFM	CFM/Watt			
Three Phase								
No Cone								
Aluminum Shutter								
VFA16A3	16"	3	1	2,356	9.9		Direct	3-Alm
VFA16P3	16"	3	1	2,553	9.2		Direct	3-Ply
VFA20A3	20"	3	1	3,053	11.6		Direct	3-Alm
VFA20P3	20"	3	1	2,962	11.2		Direct	3-Ply
VFA24A3	24"	3	1	4,670	12.0		Direct	3-Alm
VFA24P3	24"	3	1	4,881	9.5		Direct	4-Ply
VFA36G3	36"	3	1	7,381	15.7		Direct	3-Glv
VFA36N3	36"	3	1	8,236	14.0		Direct	2-Nyl
VFA50A3	50"	3	1	16,654	17.9		Belt	3-CA
Poly Shutter								
VFP16A3	16"	3	1	2,248	9.3		Direct	3-Alm
VFP16P3	16"	3	1	2,268	8.5		Direct	3-Ply
VFP20A3	20"	3	1	2,902	10.7		Direct	3-Alm
VFP20P3	20"	3	1	2,692	10.4		Direct	3-Ply
VFP24A3	24"	3	1	4,439	11.4		Direct	3-Alm
VFP24P3	24"	3	1	4,813	9.5		Direct	4-Ply
VFP36G3	36"	3	1	7,004	14.4		Direct	3-Glv
VFP36N3	36"	3	1	7,777	13.1		Direct	2-Nyl
With Cone								
Aluminum Shutter								
VFA20AC3	20"	3	1	3,225	12.7		Direct	3-Alm
VFA20PC3	20"	3	1	3,465	12.1		Direct	3-Ply
VFA24AC3	24"	3	1	5,267	14.2		Direct	3-Alm
VFA24PC3	24"	3	1	5,855	11.2		Direct	4-Ply
VFA36GC3	36"	3	1	8,093	17.3		Direct	3-Glv
VFA36SC3	36"	3	1	8,613	19.7		Direct	3-SS
VFA36NC3	36"	3	1	8,797	16.5		Direct	2-Nyl
VFA50AC3	50"	3	1	18,468	20.5		Belt	3-CA
VFA50GC3	50"	3	1	18,170	20.5		Belt	3-Glv
Poly Shutter								
VFP20AC3	20"	3	1	3,098	11.9		Direct	3-Alm
VFP20PC3	20"	3	1	3,187	11.2		Direct	3-Ply
VFP24AC3	24"	3	1	4,950	13.6		Direct	3-Alm
VFP24PC3	24"	3	1	5,626	11.0		Direct	4-Ply
VFP36GC3	36"	3	1	7,243	15.1		Direct	3-Glv
VFP36SC3	36"	3	1	7,472	16.5		Direct	3-SS
VFP36NC3	36"	3	1	6,873	13.0		Direct	2-Nyl
VFP50AC3	50"	3	1	15,705	17.0		Belt	3-CA
VFP50GC3	50"	3	1	15,858	17.2		Belt	3-Glv

^ Variable speed fans require separate variable speed control to adjust fan speed
Bold red text is data based on testing performed by an accredited lab using ANSI/AMCA Standard 210-07

When ordering black models add "-B" to the end of the part#
 (requires extended lead time)



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