

Tornado Fiberglass Exhaust Fan

EXHAUST FANS

J&D Manufacturing's Tornado exhaust fan is made to withstand even the harshest agricultural environments. With it's 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.



20"-36" models feature
J&D's IP66 Rated Gold Star Motor

- Dust tight
- Can be washed down from any angle
- Powerful, direct drive

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
- Your choice of poly or aluminum shutter
- Spring belt tensioner on 50" belt drive models
- Slant wall housing for more efficient airflow
- Performance-enhancing poly cones available on 20"- 50" fans
- 36" models are available with galvanized, nylon, 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
 - 20"- 36" models use J&D's Gold Star, direct drive, IP66 rated, CSA recognized motor, covered by a **3 Year Warranty**
 - 12", 16", and 50" models use motors that have completely sealed ball bearings, are UL and CUL recognized, and are covered by a **2 Year Warranty**



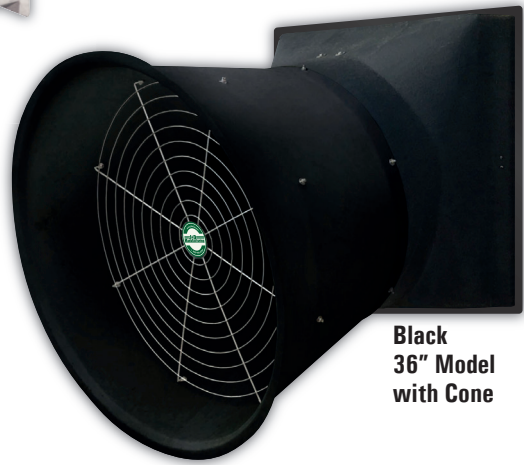
50" Model with Poly Cone



12"-16" Models



20"-24" Models



Black 36" Model with Cone

⚠WARNING: This product can expose you to chemicals including lead, 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.

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	751	8.8	Direct	3-Alm
VFA12P	12"	1	1	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
VFA20P-GS	20"	1	1	3,968	8.3	Direct	3-Ply
VFA24P-GS	24"	1	1	5,320	9.5	Direct	2-Ply
VFA24A-GS	24"	1	1	5,339	11.0	Direct	3-Alm
VFA36G-GS	36"	1	1	7,464	13.9	Direct	3-Glv
VFA36N-GS	36"	1	1	9,008	15.5	Direct	2-Nyl
VFA50A	50"	1	1	18,357	16.7	Belt	3-CA
VFA50A6	50"	1	1	18,635	16.5	Belt	6-Glv
Poly Shutter							
VFP12A	12"	1	1	693	7.9	Direct	3-Alm
VFP12P	12"	1	1	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
VFP20P-GS	20"	1	1	3,798	8.0	Direct	3-Ply
VFP24P-GS	24"	1	1	4,867	8.8	Direct	2-Ply
VFP24A-GS	24"	1	1	5,192	10.5	Direct	3-Alm
VFP36G-GS	36"	1	1	7,068	12.9	Direct	3-Glv
VFP36N-GS	36"	1	1	7,503	12.7	Direct	2-Nyl
With Cone							
Aluminum Shutter							
VFA20PC-GS	20"	1	1	4,564	9.8	Direct	3-Ply
VFA24PC-GS	24"	1	1	6,437	11.6	Direct	2-Ply
VFA24AC-GS	24"	1	1	5,774	13.1	Direct	3-Alm
VFA36GC-GS	36"	1	1	8,295	15.9	Direct	3-Glv
VFA36NC-GS	36"	1	1	9,100	15.8	Direct	2-Nyl
VFA36SC-GS	36"	1	1	8,172	15.8	Direct	3-SS
VFA50AC	50"	1	1	19,578	18.1	Belt	3-CA
VFA50GC	50"	1	1	20,117	18.0	Belt	3-Glv
VFA50AC2	50"	1	2(H) (L)	17,511	18.3	Belt	3-CA
VFA50A62	50"	1	2(H) (L)	19,937	18.4	Belt	6-Glv
VFA50GC2	50"	1	2(H) (L)	18,163	18.4	Belt	3-Glv
Poly Shutter							
VFP20PC-GS	20"	1	1	4,411	9.3	Direct	3-Ply
VFP24PC-GS	24"	1	1	5,884	10.4	Direct	2-Ply
VFP24AC-GS	24"	1	1	5,572	12.2	Direct	3-Alm
VFP36GC-GS	36"	1	1	7,524	14.2	Direct	3-Glv
VFP36NC-GS	36"	1	1	8,113	13.9	Direct	2-Nyl
VFP36SC-GS	36"	1	1	7,533	14.3	Direct	3-SS
VFP50AC	50"	1	1	18,111	16.6	Belt	3-CA
VFP50GC	50"	1	1	18,722	16.3	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-GS	36"	3	1	8,202	15.1	Direct	3-Glv
VFA36N3-GS	36"	3	1	8,554	14.2	Direct	2-Nyl
VFA50A3	50"	3	1	16,654	17.9	Belt	3-CA
Poly Shutter							
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
VFP16A3	16"	3	1	2,248	9.3	Direct	3-Alm
VFP16P3	16"	3	1	2,268	8.5	Direct	3-Ply
VFP36G3-GS	36"	3	1	7,701	13.7	Direct	3-Glv
VFP36N3-GS	36"	3	1	7,859	13.2	Direct	2-Nyl
VFP50G3	50"	3	1	15,567	16.0	Belt	3-Glv
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-GS	36"	3	1	9,694	18.0	Direct	3-Glv
VFA36NC3-GSE	36"	3	1	9,114	17.5	Direct	2-Nyl
VFA36NC3-GSH	36"	3	1	9,807	16.7	Direct	2-Nyl
VFA36SC3-GS	36"	3	1	8,396	18.6	Direct	3-SS
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-GS	36"	3	1	8,664	15.7	Direct	3-Glv
VFP36NC3-GSE	36"	3	1	8,112	15.2	Direct	2-Nyl
VFP36NC3-GSH	36"	3	1	8,858	14.9	Direct	2-Nyl
VFP36SC3-GS	36"	3	1	7,492	16.0	Direct	3-SS
VFP50AC3	50"	3	1	15,705	17.0	Belt	3-CA
VFP50GC3	50"	3	1	15,858	17.2	Belt	3-Glv

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)



Fans with a cone require a minimum spacing between rough openings to accommodate width of cones

Fan Size	Rough Opening	Fan Size	Rough Opening	Minimum Distance Between Openings
12"	17½"W x 18½"H	24"	31½"W x 31½"H	3¼"
16"	21½"W x 23"H	36"	44"W x 44"H	9"
20"	25¾"W x 25¾"H	50"	56"W x 56"H	10"

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