

Typhoon

Slant Wall Exhaust Fan

EXHAUST FANS

The Typhoon slant wall exhaust fan from J&D Manufacturing has a heavy gauge galvanized housing and X-frame motor mount to provide a solid structure. Typhoon fans include an aluminum shutter with tie bar and galvanized shutter clips to hold the shutter tight to the frame for less vibration. With a quick twist of the clips, the shutter can be removed for easy cleaning and maintenance. Typhoons are designed for exceptional performance, low maintenance, and low operating cost.

Features

- Heavy-duty 18-gauge galvanized housing
- Smooth spun venturi to maximize airflow
- Rugged X-frame motor mount for stability and quiet operation
- Available with or without a performance boosting cone
- No cone models include a 1" x 2" wire mesh guard that is hot dip galvanized after welding for superior corrosion resistance and is attached with plastic guard clips to reduce noise and vibration
- Cone models include a hot dip galvanized safety cone guard
- Optional ½" x 1" guard available to mount on the intake side to meet OSHA requirements (*allowing safe fan installation at any height*)
- Ships fully assembled except shutter and/or cone
- 3, 4, or 6 blade galvanized or 3-blade cast-aluminum props
- **Lifetime Warranty** on 3-blade cast-aluminum props, available on select 50" models
- Spring belt tensioning system on all belt drive models
- 2-speed and variable speed motors available on select models (*variable speed requires separate speed control*)
- Shaft bearings are pre-lubricated, permanently sealed and rubber mounted with an eccentric locking double set screw collar for smooth operation, and are covered by a **3 Year Warranty**
- Totally enclosed, maintenance-free, high-efficiency motors have completely sealed ball bearings, and are covered by a **2 Year Warranty**



Model without cone



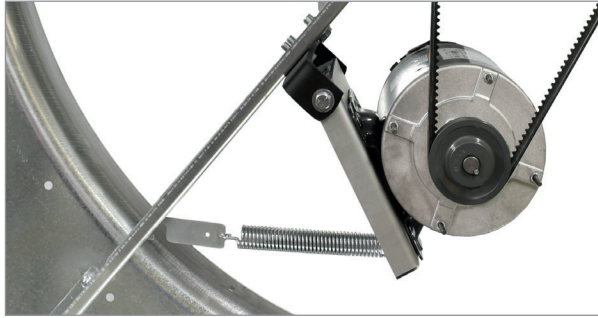
Model with cone

⚠️ 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.

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Belt drive models include a heavy-duty spring belt tensioner to reduce bounce at start-up and provide uniform loading to increase the life of the belt and maintain high efficiency.



No cone models come with 1" x 2" wire mesh guards that are hot dip galvanized after welding. The guard is attached to the housing with poly guard clips to reduce noise and vibration.

Part#	Sz	Spd	@0.10" SP			Drive	Prop
			CFM	Watt	FEI		
Single Phase							
No Cone							
VNS24S	24"	1	4,431	11.5	N/A	Direct	3-Alm
* VNS30S850	30"	1	6,604	12.2	N/A	Direct	3-Alm
VNS36D	36"	1	7,749	14.1	N/A	Direct	3-Glv
VNS36S	36"	1	8,085	12.0	N/A	Belt	4-Glv
* VNS36S1	36"	1	12,371	11.8	1.48	Belt	4-Glv
VNS42S1	42"	1	14,334	13.9	1.72	Belt	3-Glv
VNS42S2	42"	2(H) (L)	14,157 4,543	13.6 8.7	1.68 1.24	Belt	3-Glv
VNS50S	50"	1	18,279	16.5	2.01	Belt	3-Glv
VNS50S-E	50"	1	15,435	19.8	2.44	Belt	3-Glv
VNS50S2	50"	2(H) (L)	18,294 6,732	16.0 13.1	1.96 1.77	Belt	3-Glv
VNS50S62	50"	2(H) (L)	18,795 7,186	16.1 13.4	1.95 1.79	Belt	6-Glv
VNS50CSCA	50"	1	18,411	15.9	1.92	Belt	3-CA
VNS50CSCA-E	50"	1	15,600	20.0	2.44	Belt	3-CA
VNS50S6	50"	1	19,109	16.2	1.96	Belt	6-Glv
With Cone							
VFS24CS	24"	1	4,784	12.2	N/A	Direct	3-Alm
VFS30CS850	30"	1	7,161	13.3	N/A	Direct	3-Alm
VFS36CD	36"	1	8,391	16.2	N/A	Direct	3-Glv
VFS36CS	36"	1	8,926	13.5	N/A	Belt	4-Glv
VFS36CS1	36"	1	12,995	12.7	1.60	Belt	4-Glv
VFS36CS1-E	36"	1	10,158	17.0	2.18	Belt	3-Glv
VFS42CS	42"	1	14,950	14.4	1.78	Belt	3-Glv
* VFS50CS	50"	1	19,785	18.6	2.23	Belt	3-Glv
VFS50CSCA	50"	1	19,674	17.5	2.10	Belt	3-CA
VFS50CS2	50"	2(H) (L)	19,103 6,493	17.5 12.3	2.11 1.68	Belt	3-Glv
VFS50CS26	50"	2(H) (L)	19,699 7,878	17.7 14.8	2.13 1.95	Belt	6-Glv

* Experts choice

Bold red text is data based on testing performed by an accredited lab using ANSI/AMCA Standard 210-07

Part#	Sz	Spd	@0.10" SP			Drive	Prop
			CFM	Watt	FEI		
Three Phase							
No Cone							
VNS30S8503	30"	1	6,815	13.3	N/A	Direct	3-Alm
VNS36D3	36"	1	7,974	15.4	N/A	Direct	3-Glv
VNS36S13	36"	1	11,420	11.5	1.46	Belt	4-Glv
VNS42S3	42"	1	13,484	12.5	1.55	Belt	3-Glv
VNS503CSCA	50"	1	18,257	17.3	2.09	Belt	3-CA
VNS503CSCA-E	50"	1	15,288	19.9	2.45	Belt	3-CA
VNS50S3	50"	1	18,390	16.9	2.05	Belt	3-Glv
VNS50S3-E	50"	1	15,432	19.8	2.42	Belt	3-Glv
VNS50S36	50"	1	19,017	17.2	2.08	Belt	6-Glv
With Cone							
* VFS36CS13	36"	1	11,855	11.8	1.50	Belt	4-Glv
VFS36CS13-E	36"	1	9,642	18.2	2.34	Belt	4-Glv
VFS42CS3	42"	1	14,264	12.9	1.59	Belt	3-Glv
VFS50CS3	50"	1	19,481	18.7	2.25	Belt	3-Glv
VFS503CS-E	50"	1	18,019	20.8	2.52	Belt	3-Glv
VFS503CS6	50"	1	19,949	17.9	2.16	Belt	6-Glv
VFS503CSCA	50"	1	19,397	18.8	2.28	Belt	3-CA
VFS503CSCA-E	50"	1	16,347	21.9	2.67	Belt	3-CA

Part#	Size
Optional Accessories	
VRGM5555PVC12	Wire Mesh, 1/2" x 1", 12 Gauge, Black PVC Coated, 55" x 55", Trim to Fit Guard for Shutter Side, Meets OSHA Requirements

Basic Framing Installation Information

Fan Size	Rough Openings for 6" Thick Wall	Recommended Side By Side OC Dimension for Fans with Cone
24"	31"W x 32"H	34"+
30"	37"W x 38 1/2"H	40"+
36"	41"W x 42 3/4"H	46"+
42"	49 1/4"W x 51"H	53"+
50"	55"W x 57"H	60"+

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