



J&D Manufacturing



LEADERS IN MOVING THE WORLD'S AIR

Typhoon Slant Wall Exhaust Fan

High Output Performance

J&D Manufacturing's Typhoon exhaust fan series is the most robust galvanized fan available in the market today. The heavy duty 18 gauge galvanized housing and venturi are the perfect support structure for the 12 gauge motor mount. All fans come complete with aluminum shutters on the intake side with tie bars and heavy duty shutter clips that hold the shutter tight to the frame for less vibration. With a quick twist of the clips, the shutters can be removed for easy cleaning.

Our cone models include a safety cone guard, and models without a cone include a 12 gauge 1" x 2" mesh guard that is hot dip galvanized after welding. Our Typhoon fans are designed for exceptional performance, low maintenance and low operating cost.

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

- Eliminate heat build-up in your barn, greenhouse or building
- Remove and control humidity and condensation
- Improve air quality, plant and animal health
- Employee comfort
- Exhaust obnoxious fumes and smells



When installing any J&D Manufacturing exhaust fan you must provide a proper inlet. Give us a call to help you with a J&D approved inlet or control to go with your high performance exhaust fan. A properly designed J&D ventilation system will give you exceptional results.



Features

- Shipped fully assembled except for attaching the shutter and/or cone
- Plastic guard clips to reduce vibration and noise
- Cost efficient heavy duty 18 gauge galvanized housing for superior durability and longevity
- Smooth spun venturi to maximize airflow dynamics
- Galvanized deep cone to reduce back pressure and boost performance
- Heavy duty galvanized X-frame provides a solid motor mount for increased motor life and quiet operation
- 6 bladed galvanized propeller now available on 50" models for high performance and quiet operation
- 3 bladed cast aluminum propeller available on 50" models for high performance
- **LIFETIME WARRANTY** on Cast Aluminum blades
- Totally enclosed, maintenance free, high efficiency motors have completely sealed ball bearings, covered by a **Full Two Year Warranty**.
- Matched motor and belt ratio for maximum air, without overloading the motor
- Heavy duty spring belt tensioner on 48" and 50" belt drive models
- Shaft bearings are pre-lubricated, permanently sealed and rubber mounted for smooth operation and reduced blade fatigue. They also feature an eccentric locking double set screw collar.
- Available with single phase or three phase motors



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Part#	Size	HP	Volt	Amps	SF	HZ	Ph	Sp	CFM @.05" SP	CFM/ Watt @.05"	CFM @.10" SP	CFM/ Watt @.10"	RPM	Drive	Blade
Models with Cone															
VFS24CS850	24"	1/2	115/230	7.0/3.5	1.0	60	1	1	6,000	14.9	5,600	13.5	825	DD	3-Alum
VFS30CS850	30"	1/2	115/230	7.0/3.5	1.0	60	1	1	7,900	17	7,300	14.7	825	DD	3-Alum
VFS36CD	36"	1/2	115/230	7.0/3.5	1.0	60	1	1	11,100	22.1	9,800	19	825	DD	3-Galv
* VFS36CS	36"	1/2	115/230	6.6/3.3	1.25	60	1	1	10,500	21.8	9,400	18.7	548	BD	4-Galv
* VFS36CS1	36"	1	115/230	9.6/4.8	1.4	60	1	1	12,600	17.5	11,800	15.9	548	BD	4-Galv
VFS36CS2	36"	1	230	5.3/3.0	1.0	60	1	2**	12,300	17.2	11,500	15.6	540	BD	4-Galv
VFS36CS3	36"	1/2	200-230/460	1.6-1.8/0.9	1.3	60	3	1	10,400	21.8	9,300	18.7	525	BD	4-Galv
VFS48CS	48"	1	115/230	9.6/4.8	1.4	60	1	1	21,000	21	19,900	19.3	575	BD	3-Galv
VFS48CS6	48"	1	115/230	9.6/4.8	1.4	60	1	1	21,600	21.7	20,500	20	425	BD	6-Galv
VFS48CS26	48"	1	230	5.3/3.0	1.0	60	1	2**	20,800	20.9	19,700	19.1	475	BD	6-Galv
VFS48CS3	48"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	21,000	21.1	19,900	19.5	575	BD	3-Galv
VFS48CS36	48"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	21,300	21.5	20,100	19.8	475	BD	6-Galv
* VFS50CS	50"	1	115/230	9.6/4.8	1.4	60	1	1	23,200	20.2	21,600	18.2	588	BD	3-Galv
* VFS50CS-E	50"	1	115/230	9.6/4.8	1.4	60	1	1	21,800	22.5	20,100	20	555	BD	3-Galv
* VFS50CS6	50"	1	115/230	9.6/4.8	1.4	60	1	1	23,300	20	22,125	18.2	469	BD	6-Galv
* VFS50CSCA	50"	1	115/230	9.6/4.8	1.4	60	1	1	23,400	18.7	22,000	17.1	584	BD	3-CA
VFS50CS2	50"	1	230	5.3/3.0	1.0	60	1	2**	22,600	19.9	21,100	18.1	575	BD	3-Galv
* VFS50CS3	50"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	22,700	20	21,200	18.2	578	BD	3-Galv
* VFS503CS-E	50"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	21,600	22.5	20,000	20	547	BD	3-Galv
* VFS503CS6	50"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	22,900	20.2	21,700	18.5	463	BD	6-Galv
* VFS503CSCA	50"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	23,050	19	21,700	17.4	575	BD	3-CA
* VFS503CSCA-E	50"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	20,100	23	18,400	20.4	513	BD	3-CA
Models without Cone															
VNS24S850	24"	1/2	115/230	7.0/3.5	1.0	60	1	1	5,600	14	5,200	12.7	825	DD	3-Alum
VNS30S850	30"	1/2	115/230	7.0/3.5	1.0	60	1	1	7,300	16.2	6,700	14	825	DD	3-Alum
VNS36D	36"	1/2	115/230	7.0/3.5	1.0	60	1	1	10,300	20.5	9,200	17.5	825	DD	3-Galv
VNS36D3	36"	1/2	230/460-190/380	2.6/1.3-2.4/1.2	1.0	50/60	3	1	10,200	20.6	9,000	17.6	825	DD	3-Galv
VNS36S	36"	1/2	115/230	6.6/3.3	1.25	60	1	1	9,700	20.9	8,600	17.9	525	BD	4-Galv
VNS36S1	36"	1	115/230	9.6/4.8	1.4	60	1	1	9,800	21	8,700	18	525	BD	4-Galv
VNS36S13	36"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	11,400	16.8	10,700	14.9	575	BD	4-Galv
VNS48S	48"	1	115/230	9.6/4.8	1.4	60	1	1	19,500	20	18,500	18.3	575	BD	3-Galv
VNS48S2	48"	1	230	5.3/3.0	1.0	60	1	2**	19,500	20.1	18,500	18.2	575	BD	3-Galv
VNS48S6	48"	1	115/230	9.6/4.8	1.4	60	1	1	20,100	20	18,900	18.8	475	BD	6-Galv
VNS48S26	48"	1	230	5.3-3.0	1.0	60	1	2**	19,100	19.1	18,900	17.9	575	BD	6-Galv
VNS48S3	48"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	19,300	19.4	18,200	17.9	475	BD	3-Galv
VNS48S36	48"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	20,000	20	18,900	18	475	BD	6-Galv
VNS50S	50"	1	115/230	9.6/4.8	1.4	60	1	1	21,200	19	20,000	17.9	550	BD	3-Galv
VNS50S2	50"	1	115/230	9.6/4.8	1.4	60	1	1	21,100	18.7	19,700	17.1	550	BD	3-Galv
VNS50CSCA	50"	1	115/230	9.6/4.8	1.4	60	1	1	21,000	18.6	19,600	17	550	BD	3-CA
VNS503CSCA	50"	1	208-230/460	3.1-2.8/1.4	1.4	60	3	1	21,400	18	20,100	16.6	580	BD	3-CA



Fan Size	Actual Outside Dimensions for Fan Without Cone W x H	Rough Openings for 6" Thick Wall W x H	Side By Side Recommended OC Dimension for Fans with Cone
24"	30.75" x 30.75"	31.5" x 32"	34"+
30"	36.75" x 36.75"	37.5" x 38"	40"+
36"	40.75" x 40.75"	41.5" x 42"	46"+
42"	48.75" x 48.75"	49.5" x 50.5"	54"+
48"	54.75" x 54.75"	55.5" x 56.5"	60"+
50"	54.75" x 54.75"	55.5" x 56.5"	60"+