



J&D Manufacturing



LEADERS IN MOVING THE WORLD'S AIR

ES Shutter Fan Without Cord

J&D Manufacturing's ES Shutter Fan is manufactured with an agriculture grade, variable speed motor connected to the shutter with a heavy duty chrome plated OSHA approved guard. The aluminum shutter includes a built in tie bar to eliminate shutter flapping and locking open. Our quiet, high performance aluminum fan blade is balanced for smooth, vibration-free operation. All fans come completely assembled from our factory so you just pull it out of the box and wire it.

When it comes to transferring electrical energy efficiently into air energy for cooling, air recirculation or air movement J&D Manufacturing is the world leader.

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

- Remove and control unwanted condensation
- Eliminate heat build-up inside your buildings
- Improve air quality
- Air Exchange
- Designed for agriculture, horticulture and industrial applications



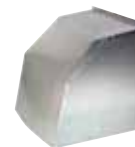
When installing any J&D Manufacturing exhaust fan, you must provide a proper inlet. Give us a call to help you with a J&D approved inlet or control to go with your high performance exhaust fan. A properly designed J&D ventilation system will give you exceptional results.

Features

- Unbelievable smooth and quiet operation
- Comes totally assembled out of the box
- Aluminum blade with a zinc plated steel hub balanced for smooth vibration-free operation. Pitch is designed to correlate with motor horsepower to deliver maximum efficiency.
- Chrome grill allows for easy cleaning and meets OSHA guidelines. (OSHA approved on interior wall and approved on exterior wall when mounted 7' above ground.)
- High efficiency aluminum shutters with tie bar to eliminate shutter flapping and opening on windy days
- Extremely energy efficient, totally enclosed maintenance free, direct drive high efficiency motors have completely sealed ball bearings, UL and ULC certification, built in automatic thermal overload protection, covered by a **Full Two Year Warranty.**

Optional Weather Hood

ES Shutter Fan Part#	Fan Size	Recommended Weather Hood
VES12	12"	VFT140855
VES161	16"	VFT140856
VES201	20"	VFT140857
VES20	20"	VFT140857
VES24	24"	VFT140858



Weather Hood for the exterior shutter side of the ES Shutter Fan series

Part#	Size	HP	Volt	Amps	HZ	Phs	Spd	CFM		CFM/Watt		Noise		RPM	Drive	Blade	Rough	
								@.0" SP	@.0" SP	@.05" SP	DB	Hi/Low	Hi/Low				Opening	Shutter
VES12	12"	1/10	115/230	1.0	50/60	1	S/Var	1,050/300	975	10/8	56/50	1,725/600	DD	3-Alum	12.5" x 12.5"	Alum		
VES161	16"	1/10	115/230	1.0	50/60	1	S/Var	2,000/525	1,900	14/12	56/50	1,725/600	DD	3-Alum	16.5" x 16.5"	Alum		
VES201	20"	1/10	115/230	1.0	50/60	1	S/Var	2,750/730	2,625	16/12	58/52	1,725/600	DD	3-Alum	20.5" x 20.5"	Alum		
VES20	20"	1/3	115/230	3.5	50/60	1	S/Var	4,300/1,250	3,400	17/13	58/52	1,725/600	DD	3-Alum	20.5" x 20.5"	Alum		
VES24	24"	1/2	115/230	4.8	50/60	1	S/Var	6,125/1,650	5,850	17/13	60/54	1,725/600	DD	3-Alum	24.5" x 24.5"	Alum		

DD-Direct Drive