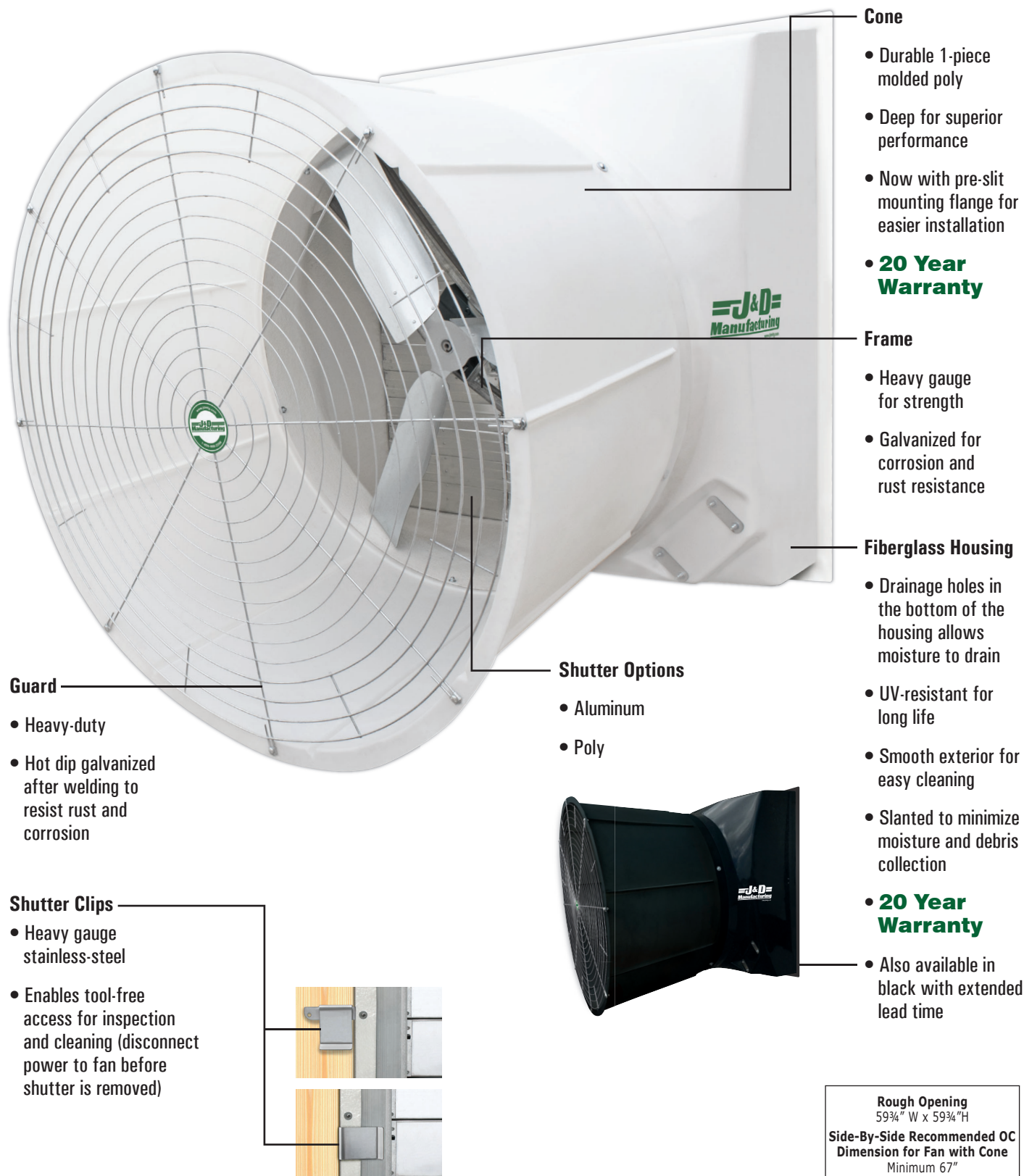


Storm Series of Fans

55" Fiberglass Exhaust Fans



⚠ 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.

Direct Drive Storm

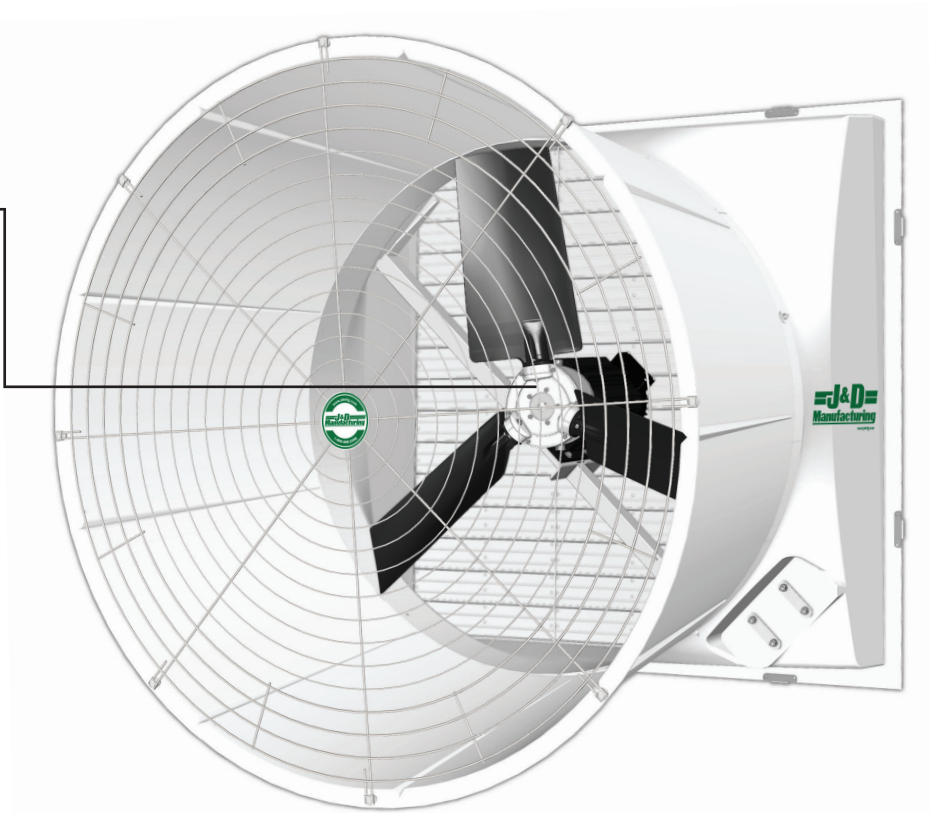
EXHAUST FANS

Turbo Prop

- 3 glass-filled poly composite blades
- Die-cast aluminum hub
- **3 Year Warranty**

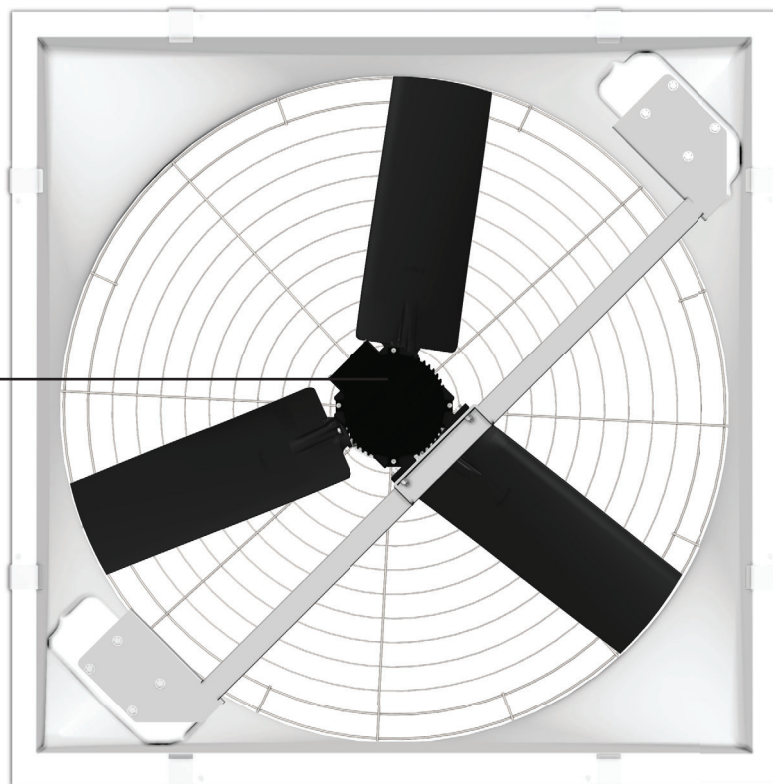


**Variable
Speed,
No VFD
Needed**



JD-Drive Motor

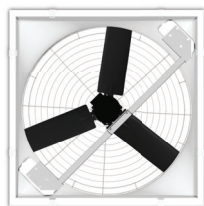
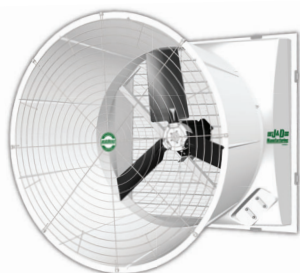
- PM Direct Drive, efficient 2.2 kW motor
- Internal Motor Drive - no VFD needed
 - Provides soft starts
 - Enables variable speed
 - Allows for precise and uniform speed control
- Surge protection
- Locked rotor protection
- Overload protection
- Thermal foldback protection
- IP65-Rated
- Industrial cast-aluminum housing
- Will not interfere with RFID
- **3 Year Warranty**



Shown with shutter removed
(Never permit power to fan with shutter removed)

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Direct Drive Storm



Part #	Size	Ph	Spd	@ 0.10" SP		Drive	Prop
				CFM	CFM/ Watt		
Single Phase							
Aluminum Shutter							
VSA55P3CPM221A-SL	55"	1	1/Var^	100%	35,000 13.8	PM-D	3-Ply
				90%	30,900 16.8		
				80%	26,800 20.4		
				70%	22,400 24.5		
				60%	17,500 28.1		
Poly Shutter							
VSP55P3CPM221A-SL	55"	1	1/Var^	100%	34,000 12.9	PM-D	3-Ply
				90%	29,600 15.5		
				80%	25,600 18.7		
				70%	21,100 22.1		
				60%	15,400 24.6		

Part #	Size	Ph	Spd	@ 0.10" SP		Drive	Prop	
				CFM	CFM/ Watt			
Three Phase								
Aluminum Shutter								
VSA55P3CPM223B-SL	55"	3	1/Var^	100%	34,700	14.0	PM-D	3-Ply
				90%	30,900	16.9		
				80%	26,500	20.3		
				70%	22,400	24.6		
				60%	17,500	28.5		
VSA55P3CPM223C-SL	55"	3	1/Var^	100%	33,016	15.2	PM-D	3-Ply
				90%	29,233	18.1		
				80%	25,362	21.4		
				70%	21,235	26.0		
				60%	16,674	30.1		
Poly Shutter								
VSP55P3CPM223B-SL	55"	3	1/Var^	100%	33,800	12.9	PM-D	3-Ply
				90%	29,500	15.4		
				80%	25,400	18.5		
				70%	20,900	22.0		
				60%	15,800	25.0		
VSP55P3CPM223C-SL	55"	3	1/Var^	100%	28,352	16.1	PM-D	3-Ply
				90%	24,865	19.2		
				80%	21,028	22.2		
				70%	17,302	24.5		
				60%	12,606	25.8		

[^] 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 210-07 standard.

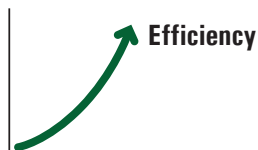
Direct Drive Storm Conversion Kit

Already have a Belt Drive Storm?

Easily and affordably upgrade your Belt Drive Storm to the Direct Drive Storm today and start reaping the benefits

Incredible energy savings

- Slow down a Direct Drive Storm by only 10% and **save 25% on electricity** while still getting 29,233 CFM @ 0.10" SP
- Slow down a Direct Drive Storm by 30% and **save 62% on electricity** and still achieve an incredible 21,235 CFM @ 0.10" SP



Variable Speed

- **No VFD needed**
- **Greater control**
- **\$avings**



Maintenance-Free

- **No belts**
- **No pulleys**
- **No greasing**



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Direct Drive Storm Conversion Kit

Make the Change

Simple and easy
Upgrade what you have

Everything to Gain

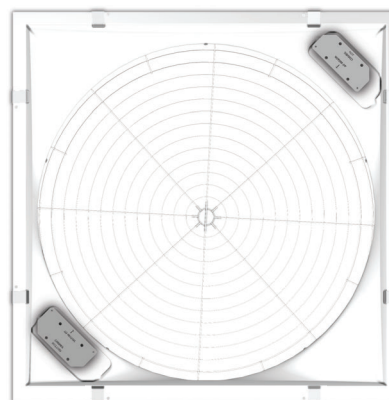
Improved performance
Precise control

Nothing to Maintain

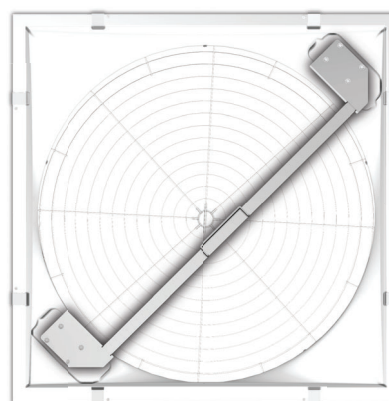
No belts
No pulleys
No greasing



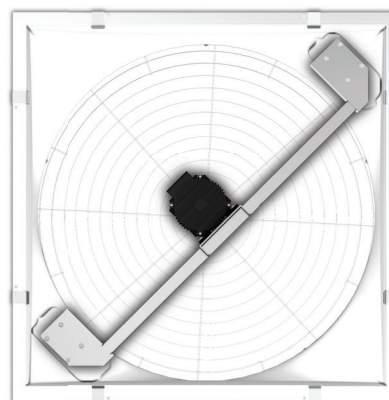
3 Year Warranty



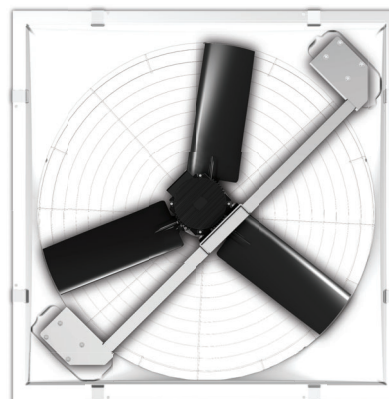
Remove belt drive H-frame, motor, prop, and pulleys



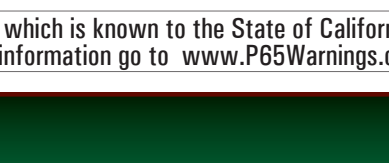
Use drilling template to create new mounting holes



Install new frame



Attach JD-Drive motor to frame



Secure prop to JD-Drive motor shaft

Part #	Ph	Spd	Drive	Prop
Single Phase				
VRJ55P3PM221A	1	1/Var^	PM-D	3-Ply
Three Phase wired for 190-240V				
VRJ55P3PM223B	3	1/Var^	PM-D	3-Ply
Three Phase wired for 380-460V				
VRJ55P3PM223C	3	1/Var^	PM-D	3-Ply
Template Kit				
HK225	Drill Templates, BD to DD Retrofit			

^ Variable speed fans require separate variable speed control to adjust fan speed.

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