

Magnum 58" Exhaust Fan

The Magnum 58" Exhaust Fan uses a maintenance free direct drive permanent magnet motor. It eliminates the need for greasing bearings and changing belts. The housing is made of strong poly while the frame is all stainless-steel preventing rust and corrosion in any environment. The complete fan includes durable poly damper doors that seal out air and light when closed.

The Magnum 58" Fan is designed to operate in the full range from minimum ventilation to maximum power using basic 0-10 volt control signal which eliminates the need for smaller fans. Because of the high performance of the Magnum 58", you'll use 25% fewer fans on your next project making it your most economical choice.

Probably the world's best fan!

With an Incredible Air Flow Ratio of **0.87**



PM Direct Drive Motor

- Premium-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 on ENTIRE fan



Shipping

- Easy to assemble and packaged for reduced shipping cost
- 80 fans per 53' van trailer truckload
- 45 fans per 40' high-cube shipping container

⚠️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.

Magnum 58" Exhaust Fan

Part #	Size	Ph	Spd	@ 0.10" SP		Drive	Prop	
				CFM	CFM/ Watt			
Single Phase								
VMF58DP3C221A	58"	1	1/Var^	100%	42,652	18.4	PM-D	3-Ply
				90%	36,910	20.8		
				80%	31,794	24.6		
				70%	26,314	28.0		
				60%	18,378	29.2		
VMF58DP3C221A-HR	58"	1	1/Var^	100%	36,700	22.1	PM-D	3-Ply
				90%	32,500	25.0		
				80%	27,600	28.5		
				70%	20,600	28.1		
				60%	15,100	31.2		
VMF58DP3C221A-HE	58"	1	1/Var^	100%	38,200	20.7	PM-D	3-Ply
				90%	33,900	24.0		
				80%	29,200	27.7		
				70%	21,900	27.3		
				60%	15,900	31.0		
Three Phase wired for 190-240V								
VMF58DP3C223B	58"	3	1/Var^	100%	42,238	17.8	PM-D	3-Ply
				90%	34,250	18.2		
				80%	28,777	21.4		
				70%	23,280	25.1		
				60%	17,465	29.5		
VMF58DP3C223B-HR	58"	3	1/Var^	100%	36,900	21.8	PM-D	3-Ply
				90%	32,600	25.5		
				80%	26,000	25.5		
				70%	20,800	29.1		
				60%	15,400	32.6		
VMF58DP3C223B-HE	58"	3	1/Var^	100%	38,500	20.9	PM-D	3-Ply
				90%	34,100	23.5		
				80%	29,200	27.6		
				70%	21,900	28.0		
				60%	16,400	31.1		
Three Phase wired for 380-460V								
VMF58DP3C223C	58"	3	1/Var^	100%	41,385	18.2	PM-D	3-Ply
				90%	36,165	21.4		
				80%	31,035	24.5		
				70%	25,440	29.1		
				60%	18,124	29.3		
VMF58DP3C223C-HR	58"	3	1/Var^	100%	36,700	22.2	PM-D	3-Ply
				90%	32,200	25.3		
				80%	25,800	25.1		
				70%	20,700	28.6		
				60%	15,200	32.1		
VMF58DP3C223C-HE	58"	3	1/Var^	100%	38,400	20.7	PM-D	3-Ply
				90%	33,800	23.8		
				80%	29,000	27.5		
				70%	21,600	27.3		
				60%	16,200	30.6		

Rough Opening - 65 1/4" W x 65 1/4" H

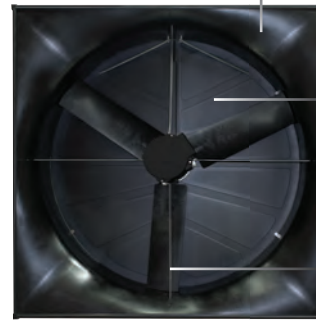
Side-By-Side Recommended OC Dimension for Fan with Cone - Minimum 75"

^ 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.

Housing

- Rugged, corrosion resistant poly with UV inhibitor
- Precision injection molded



Damper Doors

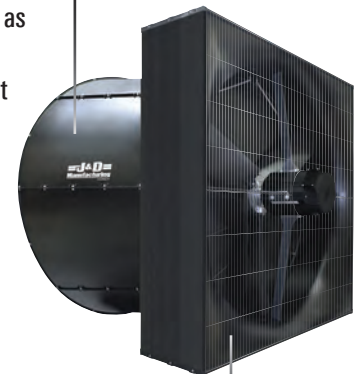
- Edged with magnets and 360° of rubber seal to minimize air infiltration
- Dual tension springs
- Durable poly with UV inhibitor will endure even the harshest conditions

Motor Frame

- 304 stainless steel for corrosion resistance
- Motor-centric with minimal air impedance

Cone

- Deep for superior performance
- Multi sections makes for ease in handling when installing as well as reduced shipping
- Rugged, corrosion resistant poly with UV inhibitor



Guards

- Corrosion resistant stainless steel



Prop

- 3 glass filled poly composite blades
- Die cast aluminum hub

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