

AirBlaster - Precision Velocity

RECIRCULATION FANS



**3 Louver
Uni-Directional**



**4 Louver
Bi-Directional**



**3 Year
Warranty
on ENTIRE
fan**

Great solution for retrofitting, able to be mounted in buildings with lower ceilings

Housing

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

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



Motor Frame

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

Prop

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

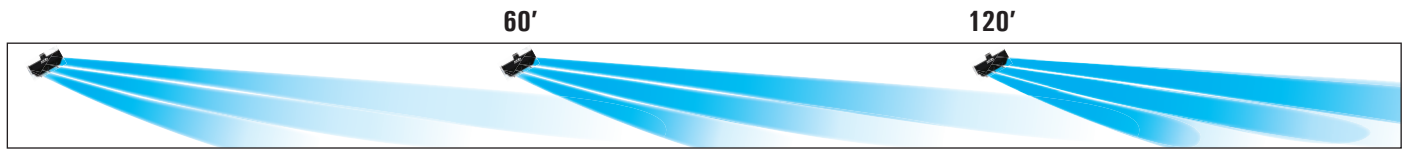


Shipping

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

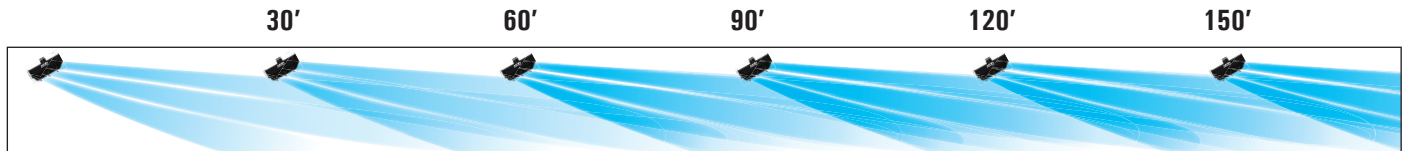
⚠WARNING: This product can expose you to chemicals including chromium, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov/product.

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60' apart running at 100%

Slow down the fan to speed up energy savings



30' apart running at 50% will provide the near equivalent amount of air movement as the 60' spacing running at 100% while using only 1/4th the energy.

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3 Louver Uni-Directional

Part#	Size	Ph	Spd	Thrust CFM	Thrust CFM/Watt	Drive	Prop
Single Phase							
VAB58L3P3221A-CK	58"	1	1/Var^	100%	41,521	15.3	PM-D 3-Ply
				90%	37,129	19.3	
				80%	32,971	24.4	
				70%	28,763	32.2	
				60%	24,795	44.1	
				50%	20,332	59.9	
40%	16,421	87.0					
Three Phase							
VAB58L3P3223B-CK	58"	3	1/Var^	100%	41,265	15.6	PM-D 3-Ply
				90%	36,703	19.5	
				80%	33,043	24.4	
				70%	28,941	32.2	
				60%	24,824	43.8	
				50%	20,704	61.4	
40%	17,420	93.7					
VAB58L3P3223C-CK	58"	3	1/Var^	100%	41,480	15.2	PM-D 3-Ply
				90%	37,532	19.1	
				80%	32,855	23.9	
				70%	28,873	31.4	
				60%	24,714	42.2	
				50%	20,119	57.6	
40%	16,688	80.6					

4 Louver Bi-Directional

Part#	Size	Ph	Spd	Thrust CFM	Thrust CFM/Watt	Drive	Prop
Single Phase							
VAB58L4P3221A-CK	58"	1	1/Var^	100%	40,423	14.2	PM-D 3-Ply
				90%	36,000	18.2	
				80%	31,888	23.2	
				70%	28,053	30.3	
				60%	23,905	41.2	
				50%	19,821	57.4	
40%	15,722	81.1					
Three Phase							
VAB58L4P3223B-CK	58"	3	1/Var^	100%	40,156	14.4	PM-D 3-Ply
				90%	35,956	17.9	
				80%	31,685	22.7	
				70%	27,775	30.0	
				60%	23,807	40.7	
				50%	19,876	58.2	
40%	15,895	81.2					
VAB58L4P3223C-CK	58"	3	1/Var^	100%	41,004	15.4	PM-D 3-Ply
				90%	37,142	18.6	
				80%	32,921	24.0	
				70%	28,776	31.0	
				60%	24,537	42.0	
				50%	20,233	58.6	
40%	16,719	84.7					

Bold red text is data based on testing performed by an accredited lab using ANSI/AMCA Standard 230-12
 OSHA requires this fan to be mounted a minimum of 7' above the floor

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