

Permanent Magnet Direct Drive 50", 55", & 60" Panel Fans

RECIRCULATION FANS

Save Time & Money

- **No Belts to Change**
- **No Pulleys to Maintain**
- **No Lubricating**
 - Motor
 - Bearings
 - Gearbox
- **No additional moving parts other than the motor for zero maintenance**



Motor

- Totally enclosed - IP65 rated
- High efficiency
- Produces and emits less heat - cool to the touch
- Quiet

Internal Motor Drive

- Provides soft starts
- Allows for precise and uniform speed control
- Enables variable speed *(requires separate variable speed control to adjust fan speed)*

Power

- Increases efficiency when run at low speeds
- Supplies constant torque to the propeller



Prop

- Shown
 - 3 blade poly
 - Cast aluminum hub
- Coming Soon
 - 5 blade poly

**3 Year
Warranty
on ENTIRE
fan**

Heavy-Duty X-Frame

- 10-gauge, G90 galvanized
- Superior strength and rigidity to minimize vibration

⚠WARNING: This product can expose you to chemicals including lead, 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.

Permanent Magnet Direct Drive 50", 55", & 60" Panel Fans

Features

- Ships fully assembled and ready for installation
- Wide assortment of optional mounting brackets for wood and steel posts for precise airflow
- Maximize your cooling capabilities by adding a stainless steel, 12-nozzle, high pressure fog ring kit
- Totally enclosed, maintenance-free, high-efficiency motor has completely sealed ball bearings, UL and CUL recognized

Installation Options

Part#	Description
Swivel Offset Post Mounting Bracket	
VRSBRPR6PX-PM	4"-6" Wood Post, Galvanized
Swivel Offset Column Mounting Brackets	
VRSBRPR3X	3" Round Column, Galvanized
VRSBRPR35X	3½" Round Column, Galvanized
VRSBRPR4X	4" Round Column, Galvanized
VRSBRPR55X	5½" Round Column, Galvanized
VRSBRSQ6X	6" Square Column, Painted
In-line Column Mounting Brackets	
VRSBRP3	3"-3½" Round Column, Black Powder Coat & Galv.
VRSBRP4	4"-4½" Round Column, Black Powder Coat & Galv.
VRSBRP4SQ	4"-4½" Square Column, Black Powder Coat & Galv.
VRSBRP5	5"-5½" Round Column, Black Powder Coat & Galv.
VRSBRP6	6"-6½" Round Column, Black Powder Coat & Galv.
Chain Suspending Kit	
HK211	(3) 72" of Chain, w/Fan to Chain Assembly Hardware

Part#	Size	Ph	Spd	Thrust CFM	Thrust CFM/Watt	Drive	Prop
Single Phase							
VPX50P3PM221A	50"	1	1/Var^	100%	29,500	14.2	PM-D 3-Ply
				90%	25,142	15.6	
				80%	22,569	19.4	
				70%	19,759	25.0	
				60%	17,033	34.0	
VPX55P3PM221A	55"	1	1/Var^	100%	37,300	12.4	PM-D 3-Ply
				90%	29,475	17.5	
				80%	26,269	22.2	
				70%	23,483	28.3	
				60%	19,932	38.4	
VPX60P3PM221A	60"	1	1/Var^	100%	40,500	18.9	PM-D 3-Ply
				90%	36,700	23.3	
				80%	32,400	29.5	
				70%	28,400	37.7	
				60%	21,650	45.2	
				50%	17,886	61.4	

Part#	Size	Ph	Spd	Thrust CFM	Thrust CFM/Watt	Drive	Prop
Three Phase wired for 190-240V							
VPX50P3PM223B	50"	3	1/Var^	100%	29,300	14.0	PM-D 3-Ply
				90%	24,831	15.2	
				80%	21,775	19.6	
				70%	19,229	26.0	
				60%	16,564	34.8	
VPX55P3PM223B	55"	3	1/Var^	100%	37,500	12.6	PM-D 3-Ply
				90%	29,391	17.3	
				80%	26,091	21.9	
				70%	23,047	28.6	
				60%	19,947	38.4	
VPX60P3PM223B	60"	3	1/Var^	100%	40,300	17.8	PM-D 3-Ply
				90%	32,667	19.9	
				80%	29,036	25.3	
				70%	25,532	32.9	
				60%	21,970	44.5	
				50%	18,725	63.2	
Three Phase wired for 380-460V							
VPX50P3PM223C	50"	3	1/Var^	100%	29,600	14.3	PM-D 3-Ply
				90%	24,818	15.3	
				80%	22,101	19.4	
				70%	19,369	25.2	
				60%	16,573	33.5	
VPX55P3PM223C	55"	3	1/Var^	100%	36,800	13.3	PM-D 3-Ply
				90%	28,971	18.1	
				80%	25,806	22.9	
				70%	22,723	29.4	
				60%	19,628	39.9	
VPX60P3PM223C	60"	3	1/Var^	100%	40,100	17.4	PM-D 3-Ply
				90%	32,455	19.5	
				80%	28,620	24.8	
				70%	25,320	32.0	
				60%	21,637	43.0	
				50%	18,146	59.2	

^ 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 Standard 230-12

OSHA requires these fans to be mounted a minimum of 7' above the floor

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