

55" & 72" PPF D SMC DIRECT DRIVE FANS

PSS-065-55_72_PPF DD-01

FANS THAT WORK SMARTER NOT HARDER

VES-Artex PPF D with Smart Motor Technology, are designed to inject fresh air into barns, parlors or holding areas. They are also great additions to facilities where negative inlets are not enough. PPF D fans help to reduce static pressure by forcing air into the barn, giving you more air to circulate. Pair with DairyBOS[®] our connected technology to provide you with hands off facility and data management.



BENEFITS

- Minimal-Maintenance direct drive system and variable speed on all PPF D fans
- Smart Motor Technology providing maximum intelligence, connectivity, reliability, efficiency, and performance while reducing electrical noise and energy consumption
- Durable and smooth reinforced poly blade assembly that stays cleaner, is rust-free, and long-lasting
- Durable, reinforced, smooth Sheet Molding Compound (SMC) housing with Turbo Cone
- Scientifically designed to maximize efficiency and airflow volume
- Powered, full-control inlet gives fresh air & reduces static pressure
- Minimal-maintenance direct drive with Smart Motor Technology
- When paired with HPF system it will cool air as it enters the facility

FEATURES

- 4 fiber reinforced polypropylene blades on 72" fan and 3 on 55"
- UL listed & CE certified motors with industry leading 3-year warranty

OPTIONS

- Actuator shutter kit
- Inside deflector kit
- Your choice of 50 Hz and 60 Hz
- High Pressure Fogging (HPF) system
- Variable Frequency Drives (VFDs) with noise filters, multiple voltage applications, Nema 4 enclosures with optional built in or manual disconnects, wireless and sensors
- DairyBOS[®]

WARRANTY

- 3-year warranty on motor
- 5-year warranty on poly blades
- 10-year warranty on fiberglass housing
- 1-year limited warranty on all other parts

55" & 72" PPFDF SMC DIRECT DRIVE FANS

55" PPFDF

- Available in 50 & 60 Hz
- Direct drive, belt free, reduced maintenance, 3 poly blades
- Motors are UL Listed & CE Certified. Industry-leading 3-year warranty on motor

Part Number	Opr. Level	Rev. Per Minute	Hertz	Voltage	Full Load Amps	Phase	Horse Power	Power	Speed	Static Pressure	Air Flow Rate*		Fan Efficiency	
	%	RPM	Hz	V	AMP	PH	HP	w	Single or Variable	SP	Imperial	Metric	Imperial	Metric
												CFM*	M ³ /H*	CFM/w
PPFD5534603SG (55" PPFDF w/ required safety guard) 101286	100	490	60	208-230, 460	4.6-4.2 / 2.85	3	1.5	1100	Variable	0	24,500	41,600	22.3	37.8
	90	441						810			19,900	33,800	24.6	41.7
	50	245						140			10,700	18,200	76.4	130.0
	100	490	50	Call for more info			Call for more info	24,500	41,600	22.3	37.8			
	90	441		19,900	33,800	24.6		41.7						
	50	245		10,700	18,200	76.4		130.0						

72" PPFDF

- Available in 50 & 60 Hz
- Direct drive, belt free, reduced maintenance, 4 poly blades
- Motors are UL Listed & CE Certified. Industry-leading 3-year warranty on motor

Part Number	Opr. Level	Rev. Per Minute	Hertz	Voltage	Full Load Amps	Phase	Horse Power	Power	Speed	Static Pressure	Air Flow Rate*		Fan Efficiency	
	%	RPM	Hz	V	AMP	PH	HP	w	Single or Variable	SP	Imperial	Metric	Imperial	Metric
												CFM*	M ³ /H*	CFM/w
101288	100	420	60	208-230, 460	7.2-6.6 / 4.3	3	3	2450	Variable	0	40,900	69,500	16.7	28.4
	90	378						1830			35,600	60,500	19.5	33.1
	50	210						380			13,400	22,800	35.3	60.0
	100	420	50	Call for more info			Call for more info	40,900	69,500	16.7	28.4			
	90	378		35,600	60,500	19.5		33.1						
	50	210		13,400	22,800	35.3		60.0						



Listings and Certifications

*Bold data is certified based on testing performed by an independent accredited lab using AMCA 210 standards. See each chart for standard specifications where needed. All non-bolded data is estimated in accordance with AMCA 210 standards. VES continues to strive for the most accurate test data available. As additional independent accredited lab results become available we may need to revise information stated. **Questions? Call 715-720-0800.**