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·DC· PFD220RAN



Dia.221.5x71mm/8.7x2.7inch
621CFM

Motorized Impeller, Backward curved blades

Model No	Rated Volt VDC	Voltage Range VDC	Input Power Watt	Rated Current Amp	Ref. Speed RPM	Max. Airflow CFM m ³ /min	Max. Static Pressure Inch/H ₂ O mm	Noise Level db(A)	PQ Curves	UL
PFD220RAN-24H**	24	14~26.4	105.6	4.4	2800	580 16.4	2.1 53.34	65	1	<input checked="" type="checkbox"/>
PFD220RAN-24M**	24	14~26.4	72	3	2300	480 13.6	1.7 43.18	56	2	<input checked="" type="checkbox"/>
PFD220RAN-24L**	24	14~26.4	60	2.5	1800	380 10.8	1.2 30.48	45	3	<input checked="" type="checkbox"/>
PFD220RAN-48H**	48	36~54	129.6	2.7	3000	621 17.6	2.26 57.4	69	4	<input checked="" type="checkbox"/>
PFD220RAN-48M**	48	36~54	76.8	1.6	2500	500 14.2	1.84 46.74	58	5	<input checked="" type="checkbox"/>
PFD220RAN-48L**	48	36~54	57.6	1.2	2000	420 11.9	1.3 33.02	47	6	<input checked="" type="checkbox"/>

• Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

Motor

Motor Type:	DC Centrifugal Fan
Burnout Protection:	Locked rotor / Polarity Protection
IP Protection:	-

Mechanical

Frame:	Aluminum sheet
Impeller:	PA66 Nylon Impeller
Bearing:	Two ball bearings
Rotation:	CW seen on rotor
Connection:	Wire leads
Weight:	1400g

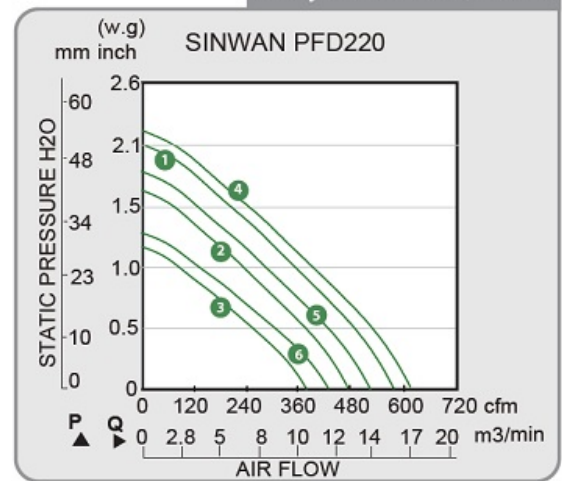
Electronical

Dielectric Strength:	500 VAC/min. Max leakage 0.5mA
Speed Control:	S/C-ntc, PWM, 0~10V S/V on request
Signal Output:	RD alarm, FG tachometer on request

Environment

Operating Temp:	-20C~+65C
Storage Temp:	-20C~+75C (at 65%RH)
Life Expectancy:	L10 50K hours at 25C

► Performance P-Q Curves



 Nomenclature
 R/D Alarm
 F/G Tach
 S/C Function
 PWM Function

