



·DC· PFD220RAN (68)



Dia.220x82mm/8.6x3.3inch
621CFM

IP68 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 m3/min	Max. Static Pressure Inch/H2O mm	Noise Level db(A)	PQ Curves	UL
PFD220RAN-24H** (68)	24	14~26.4	105.6	4.4	2800	580 16.4	2.1 53.34	65	1	☒
PFD220RAN-24M** (68)	24	14~26.4	72	3	2300	480 13.6	1.7 43.18	56	2	☒
PFD220RAN-24L** (68)	24	14~26.4	60	2.5	1800	380 10.8	1.2 30.48	45	3	☒
PFD220RAN-48H** (68)	48	36~54	129.6	2.7	3000	621 17.6	2.26 57.4	69	4	☒
PFD220RAN-48M** (68)	48	36~54	76.8	1.6	2500	500 14.2	1.84 46.74	58	5	☒
PFD220RAN-48L** (68)	48	36~54	57.6	1.2	2000	420 11.9	1.3 33.02	47	6	☒

• 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:	Electronically protected, polarity protected
IP Protection:	IP68

Mechanical

Frame:	Aluminum die casting motor frame
Impeller:	PA66 Nylon Impeller
Bearing:	Two ball bearings
Rotation:	CW seen on rotor
Connection:	Wire type
Weight:	1760g

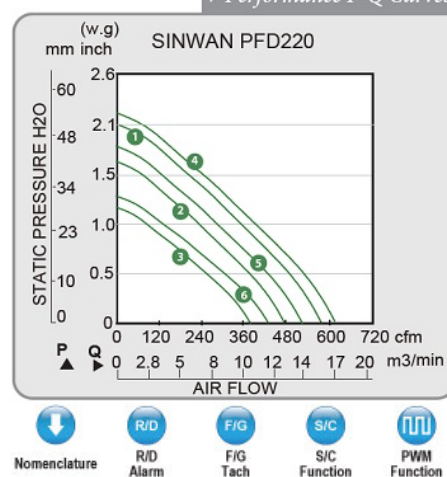
Electrical

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

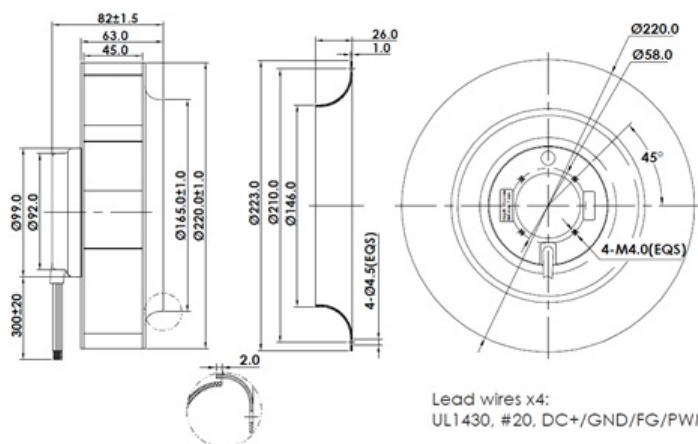
Environment

Operating Temp:	-20C~+65C
Storage Temp:	-20C~+75C (at 65%RH)
Life Expectancy:	L10 50K hours at 40C

► Performance P-Q Curves



► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR2025SN