



·DC· PFD250JAN (68)



Dia.250x110mm/9.8x4.3inch
920CFM

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
PFD250JAN-24HH** (68)	24	16~28	177.6	7.4	2900	920 26.1	2.17 55.12	73	1
PFD250JAN-24H** (68)	24	16~28	129.6	5.4	2600	825 23.4	1.95 49.53	67	2
PFD250JAN-48HH** (68)	48	36~54	182.4	3.8	2900	920 26.1	2.17 55.12	73	1
PFD250JAN-48H** (68)	48	36~54	129.6	2.7	2600	825 23.4	1.95 49.53	67	2

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

Motor

Motor Type:	Brushless DC motor, auto cutoff, auto restart
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:	1,600g

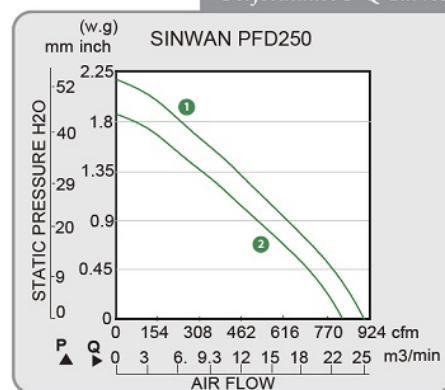
Electronical

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

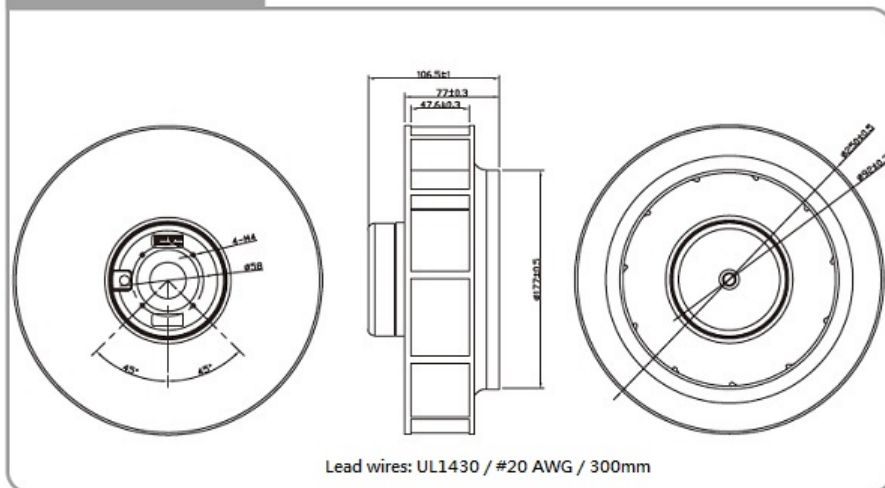
Operating Temp:	-20C~+65C
Storage Temp:	-20C~+75C (at 65%RH)
Life Expectancy:	L10 50K hours at 25C

► Performance P-Q Curves



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

► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR250SN