



·DC· PFD175RAN (68)



Dia.175x69mm/6.9x2.7inch
437CFM

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	Max. Static Pressure Inch/H2O	Noise Level db(A)	PQ Curves
PFD175RAN-24H** (68)	24	16~28	63.6	2.65	3300	350	1.56	67	1
PFD175RAN-48HH** (68)	48	36~56	129.6	2.7	4500	437	2.95	74	2
PFD175RAN-48H** (68)	48	36~56	52.8	1.1	3300	350	1.56	67	1

- 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:	800g

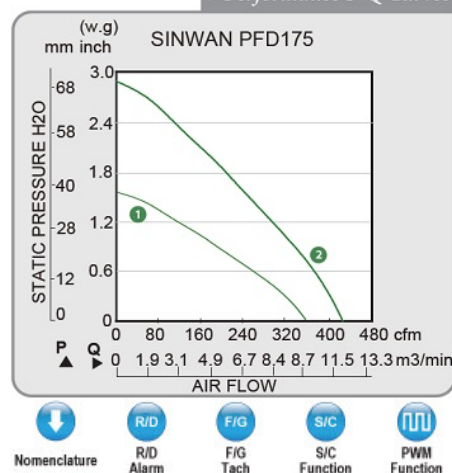
Electronical

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

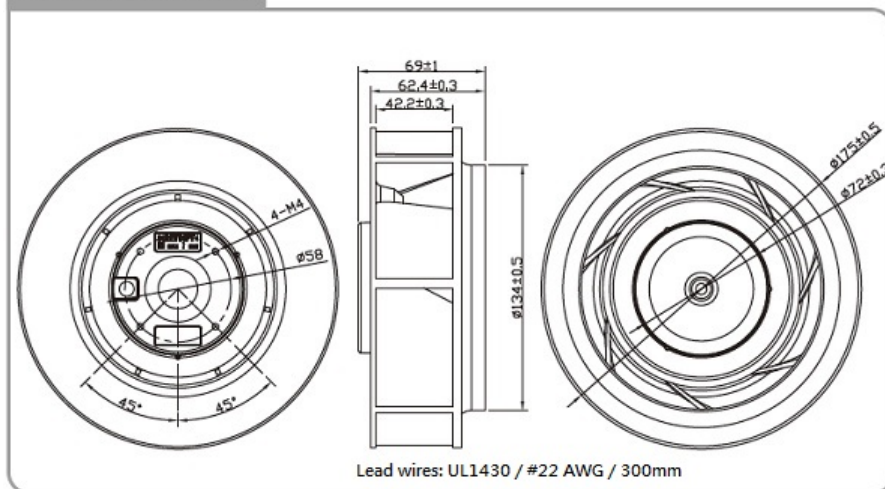
Environment

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

► Performance P-Q Curves



► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR1719SN