



·DC· PFD190RAN



Dia.190x69mm/7.5x2.7inch

432CFM

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
PFD190RAN-24H**	24	16~28	108	4.5	3200	395	11.2	1.97	50.04	70	1
PFD190RAN-24M**	24	16~28	64.8	2.7	2500	310	8.8	1.53	38.86	59	2
PFD190RAN-24L**	24	16~28	52.8	2.2	2000	250	7.1	1.23	31.24	47	3
PFD190RAN-48H**	48	36~56	122.4	2.55	3500	432	12.2	2.0	50.8	73	4
PFD190RAN-48M**	48	36~56	76.8	1.6	2800	345	9.8	1.6	40.64	60	5
PFD190RAN-48L**	48	36~56	57.6	1.2	2000	250	7.1	1.25	31.75	47	3

- 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:	-

Mechanical

Frame:	Aluminum die cast, Natural color
Impeller:	PA66 Nylon Impeller
Bearing:	Two ball bearings
Rotation:	CW seen on rotor
Connection:	Wire type
Weight:	830g

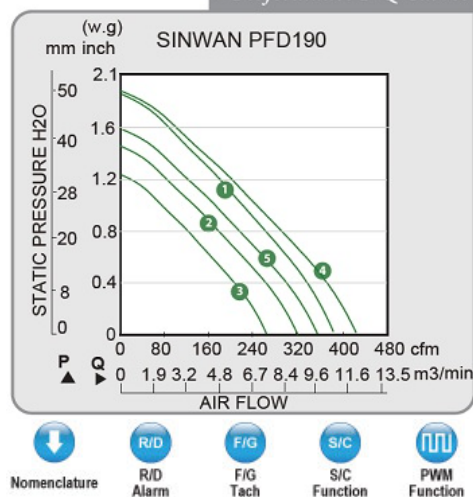
Electronical

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

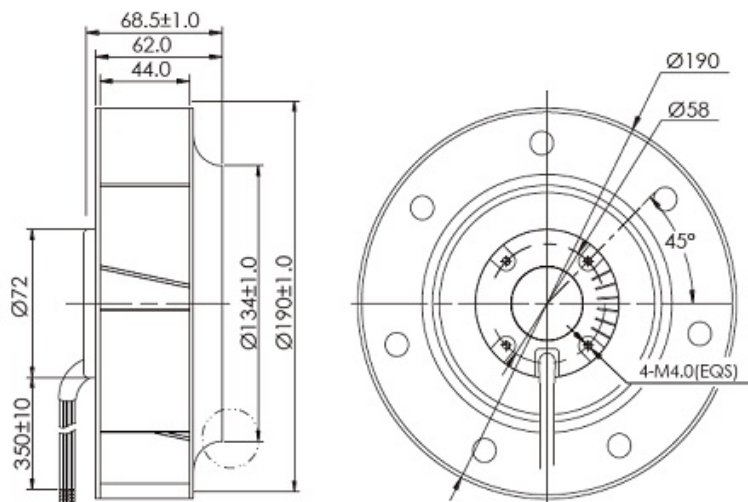
Environment

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

► Performance P-Q Curves



► Outline Dimensions



Lead wires x4: UL1007, #22AWG, DC+/GND/FG/PWM

Relevant products



Inlet nozzle/Duct ring
DR1719SN