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·DC· PFD17RAN



Dia.175x67mm/6.9x2.6inch
395CFM

Motorized Impeller, Backward curved blades

Model No	Rated Volt	Voltage Range	Input Power	Rated Current	Ref. Speed	Max. Airflow		Max. Static Pressure		Noise Level	PQ Curves
	VDC	VDC	Watt	Amp	RPM	CFM	m ³ /min	Inch/H ₂ O	mm	db(A)	
PFD17RAN-12HH**	12	8~14	50.4	4.2	3000	338	9.6	1.08	27.43	64	2
PFD17RAN-24SH**	24	15~27.6	63.6	2.65	3500	395	11.2	1.4	35.56	69	1
PFD17RAN-24HH**	24	15~27.6	50.4	2.1	3000	338	9.6	1.08	27.43	64	2
PFD17RAN-48SH**	48	22~53	62.4	1.3	3500	395	11.2	1.4	35.56	69	1
PFD17RAN-48HH**	48	22~54	52.8	1.1	3000	338	9.6	1.08	27.43	64	2

- ** = "WB" for wire leads type, Ball bearing, or "TB" for terminal block connecting type, Ball bearing
- Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

Motor

Motor Type: Brushless DC motor, Sinwan MED178AN

Burnout Protection: Electronically protected

IP Protection: -

Mechanical

Frame: Aluminum die casting motor frame, galvanized SEEC steel plate impeller frame

Impeller: PA66 Nylon Impeller

Bearing: Two ball bearings

Rotation: CW seen on rotor

Connection: Wire leads

Weight: 1,650g

Electrical

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA

Speed Control: S/C-ntc, PWM, 0~10V S/V

Signal Output: RD alarm, FG tachometer on request

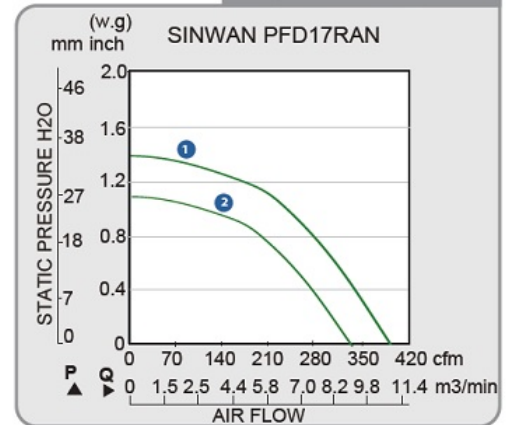
Environment

Operating Temp: -20C~+65C

Storage Temp: -20C~+75C (at 65%RH)

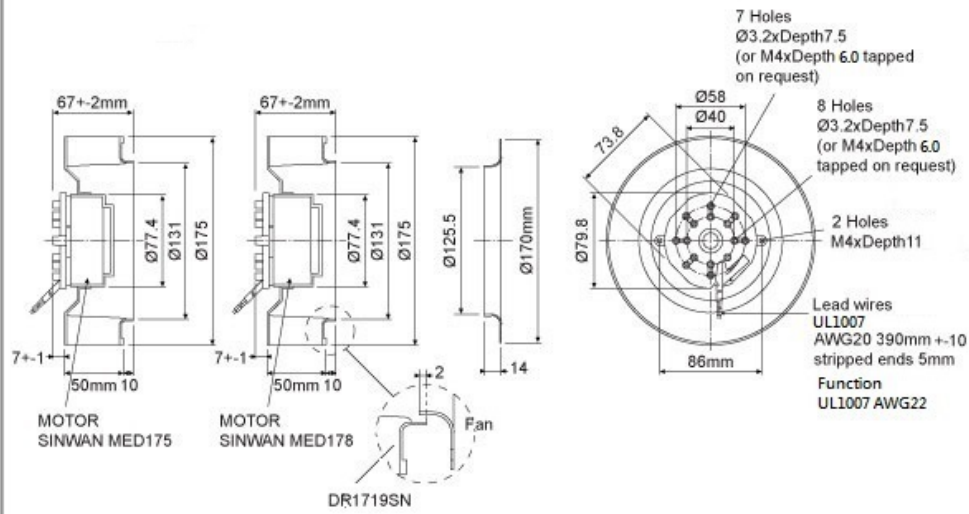
Life Expectancy: L10 90K hours at 35C, 30K hours at 65C

Performance P-Q Curves



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

▶ Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR1719SN

