



·DC· PFD17RAN (68)



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

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
PFD17RAN-12HH** (68)	12	8~14	50.4	4.2	3000	338	9.6	1.08	27.43	64	2
PFD17RAN-24SH** (68)	24	15~27.6	63.6	2.65	3500	395	11.2	1.4	35.56	69	1
PFD17RAN-24HH** (68)	24	15~27.6	50.4	2.1	3000	338	9.6	1.08	27.43	64	2
PFD17RAN-48SH** (68)	48	22~53	62.4	1.3	3500	395	11.2	1.4	35.56	69	1
PFD17RAN-48HH** (68)	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: IP68

Mechanical

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

Impeller: PA66 Nylon Impeller

Bearing: Two ball bearings

Rotation: CW seen on rotor

Connection: Wire leads

Weight: 1,650g

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 90K hours at 35C, 30K hours at 65C

► Performance P-Q Curves



