

RA-DC5020

DC BRUSHLESS AXIAL FAN

CFM 8.6~15.1
50*50*20mm



Brand	RUIAPPLE/瑞安普
English	https://www.ruiapple-fan.com/DC-axial-fans/DC-5020.html
Chinese	https://www.ruiapple-fan.cn/DC-axial-fans/DC-5020.html

Frame/Blade

- Frame:PBT
- Blade:PBT

Features

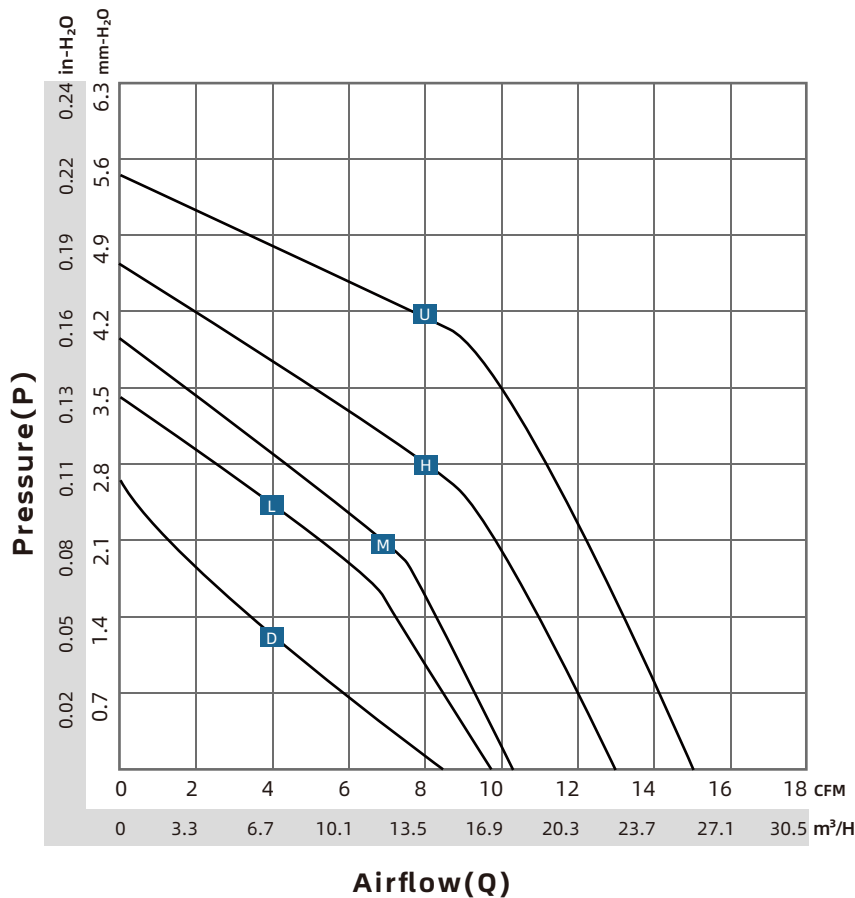
- Power Supply:5/12/24V Customizable
- Rotation:Clockwise when facing label
- Operating:Continuous
- Bearings:Ball/oil/Sleeve
- Connection Method:AWG24 specification wire
- Insulation Class:Class B
- Motor:RUIAPPLE Brushless (BLDC)
- Insulation Resistance:10M/500V DC
- Voltage Strength:2 minutes/500AVC - 5mA
- Humidity Range:RH 20% - RH 75%
- Storage Temperature:- 20°C to +75°C
- Operating Temperature:-10°C to +70°
- Maximum:50,000hours

Certification



Options

- Normal/Fault alarm
- Closed-Loop
- Intermittent operation
- PWM speed control
- Lock (stall) protection
- Moisture Protection
- Connector add
- Soft/Delayed start
- Speed limit alarm
- Temperature start/stop
- Voltage speed control
- Reverse protection
- Maximum IP: 67



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Model	P-Q	Voltage	Current	Power	Speed	Noise	Air Flow	Air Flow	Pressure
No.	P-Q Curve	V	A	W	RPM	dBA	CFM	CMM	mm-H ₂ O
RA-DC5020Dx12	D	12	0.08	0.96	4500	30	8.68	14.75	2.70
RA-DC5020Dx24		24	0.04						
RA-DC5020Lx12	L	12	0.10	1.20	5000	33	9.63	16.36	3.20
RA-DC5020Lx24		24	0.05						
RA-DC5020Mx12	M	12	0.16	1.92	5500	35	10.72	18.21	3.90
RA-DC5020Mx24		24	0.08						
RA-DC5020Hx12	H	12	0.20	2.40	6000	36	13.02	22.12	4.60
RA-DC5020Hx24		24	0.10						
RA-DC5020Ux12	U	12	0.28	3.36	6500	38	15.10	25.65	5.40
RA-DC5020Ux24		24	0.14						

Model, (x) represents that the bearing is either a ball bearing (B) or Sleeve bearing (S), depending on customer requirements. For any customized design requirements for the mentioned products, please contact Ruiapple sales. For the latest product information, refer to announcements on the official Ruiapple website at www.ruiapple-fan.com.

Drawing

