

# RA-DC12025A

## DC BRUSHLESS AXIAL FAN

**CFM 56.7 ~ 145.1**  
**120\*25mm**



Brand	RUIAPPLE/瑞安普
English	<a href="https://www.ruiapple-fan.com/DC-axial-fans/DC-12025A.html">https://www.ruiapple-fan.com/DC-axial-fans/DC-12025A.html</a>
Chinese	<a href="https://www.ruiapple-fan.cn/DC-axial-fans/DC-12025A.html">https://www.ruiapple-fan.cn/DC-axial-fans/DC-12025A.html</a>

### Frame/Blade

- Frame:PBT
- Blade:PBT

### Features

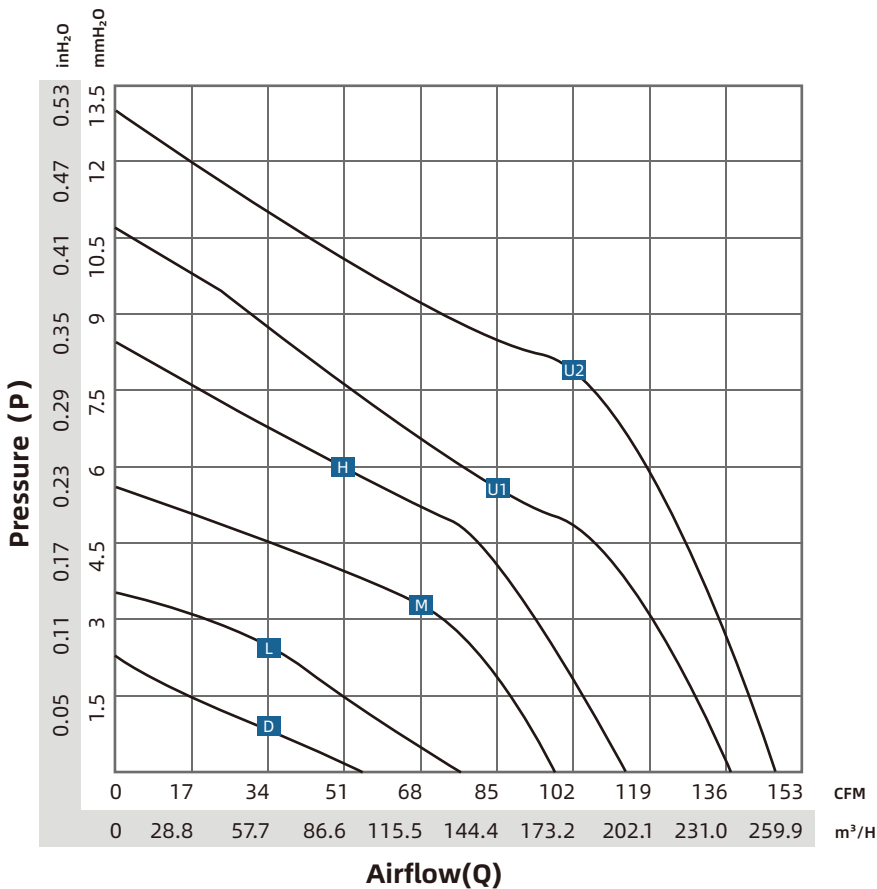
- Power Supply:5/12/24V Customizable
- Rotation:Clockwise when facing label
- Operating:Continuous
- Bearings:Ball/oil/Sleeve
- Connection Method:AWG24 specification wire
- Insulation Class:Class B
- Motor:RUIAPPLE Brushless (BLDC)
- Insulation Resistance:10M/500V DC
- Voltage Strength:2 minutes/500AVC - 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	M <sup>3</sup> /H	mm-H <sub>2</sub> O
RA-DC12025A Dx12	D	12	0.12	1.44	1500	31.3	56.7	96.3	2.06
RA-DC12025A Dx24		24	0.09	2.16	1500				
RA-DC12025A Lx12	L	12	0.20	2.40	2000	37.3	76.2	129.5	3.58
RA-DC12025A Lx24		24	0.14	3.36	2000				
RA-DC12025A Mx12	M	12	0.35	4.20	2500	44.2	95.4	162.2	5.70
RA-DC12025A Mx24		24	0.23	5.52	2500				
RA-DC12025A Hx12	H	12	0.65	7.80	3000	47.5	116.6	198.1	8.23
RA-DC12025A Hx24		24	0.38	9.12	3000				
RA-DC12025A U1x12	U1	12	0.60	7.20	3500	53.6	137.9	234.3	11.00
RA-DC12025A U1x24		24	0.40	9.60	3500				
RA-DC12025A U2x12	U2	12	1.25	15.00	4000	55.4	145.1	246.5	12.95
RA-DC12025A U2x24		24	0.60	14.40	4000				

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](http://www.ruiapple-fan.com).

## Drawing

