



## SPECIFICATION FOR APPROVAL

**CUSTOMER:** 寧波閃諾

**EVERCOOL MODEL NO:** EC9225H24B

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**DESCRIPTION:** DC24V FAN

<b>APPROVED BY (AUTHORISED)</b>	<b>APPROVED</b>
	<b>Alex</b>
	<b>CHECKED</b>
	<b>Xiongwei</b>
	<b>DRAWN</b>
	<b>Chenjie</b>
	<b>SALES</b>
	<b>Serene</b>

\* Please confirm your acceptance by return fax or mail.

SPEC NO	ISSUE DATE	EDITION	REVISED DATE
20260413A16	2026/4/13	A0	2026/4/13

THE PRODUCTION ACCORD WITH EUROPE UNION ROHS STANDARD

**EVERCOOL THERMAL CO., LTD**

**NO. 123-8, HSING DE RD., SAN-CHUNG CITY,**

**TAIPEI HSIEN, TAIWAN, R.O.C.**

**TEL: 886-2-8512-2889 FAX: 886-2-8512-2890**

**[URL:www.evercool.com.tw](http://www.evercool.com.tw)**

**[EMAIL: coolest@ms14.hinet.net](mailto:coolest@ms14.hinet.net)**

# I. GENERAL SPECIFICATION

Item	Specification
1.Part NO.	EC9225H24B
2.Outline Dimension	92*92*25
3.Rated Voltage	24 VDC
4.Starting Voltage	12 VDC
5.Operating Voltage Range	12 VDC~ 26 VDC
6.Rated Current*	0.18 A
7.Rated Power Consumption*	4.32 W
8.Rated Speed*	2600 RPM±15%
9.Max. Airflow**	53.1 CFM(ft3/min)
10.Max. Static Pressure**	0.13 In-H2O
11.Noise Level***	<25 dB(A)
12.Life Expectancy	50000 hrs at 25°C
13.No of Polarity	4 Poles
14.Direction of Rotation	Counter-Clockwise

**Noted:**

**\*Input Current Speed Power Consumption**

Measured after continuous 30 minutes operation at rated voltage in free air at ambient temperature of 25 °C, 65% relative humidity

**\*\*Performance**

Measured with use of double chamber. The value are recorded when the fan speed is stabilized at rated voltage.

**\*\*\*Noise Level**

Measured at rated voltage in a semi-anechoic chamber with background noise below than 20 dB(A). The measuring distance is in one meter from microphone to inlet of the fan.

## II. ELECTRICAL SPECIFICATION

Item		Specification
1.Polarity Protection	✓YES	Be capable of endurance when Vcc & GRD are exchanged
	NO	
2.Auto restart	✓YES	Locked motor protection
	NO	
3.Insulation Resistance		10MΩ/b/w unshielded wire and frame at 500 VDC/min
4.Dielectric Strength		5Ma Max./Measured b/w lead wire and frame at 500VAC/min

## III. MAIN MATERIALS / PARTS SPECIFICATION

Item		Specification				
1.Materials of Frame		Thermoplastic PBT of UL 94V-0(BK)				
2.Materials of Fan Blade						
3.Bobbin						
4.Bearing	✓	Dual ball bearing				
		1 ball & 1 sleeve bearing				
		Sleeve bearing				
		EL bearing				
5.Lead wire	✓	Red (+)	UL#	1007	26	AWG
	✓	Black (-)	UL#	1007	26	AWG
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6.Connector		2510- 2P				

## IV. ENVIRONMENT SPECIFICATION

Item	Specification
1.Operation Temperature	-10°C~+70°C/66%(RH), high / low temperature test for 24 hours, temperature change: 30°C/hours.
2.Storage Temperature	-40°C~+70°C/66%(RH), high / low temperature test for 24 hours, temperature change: 30°C/hours.

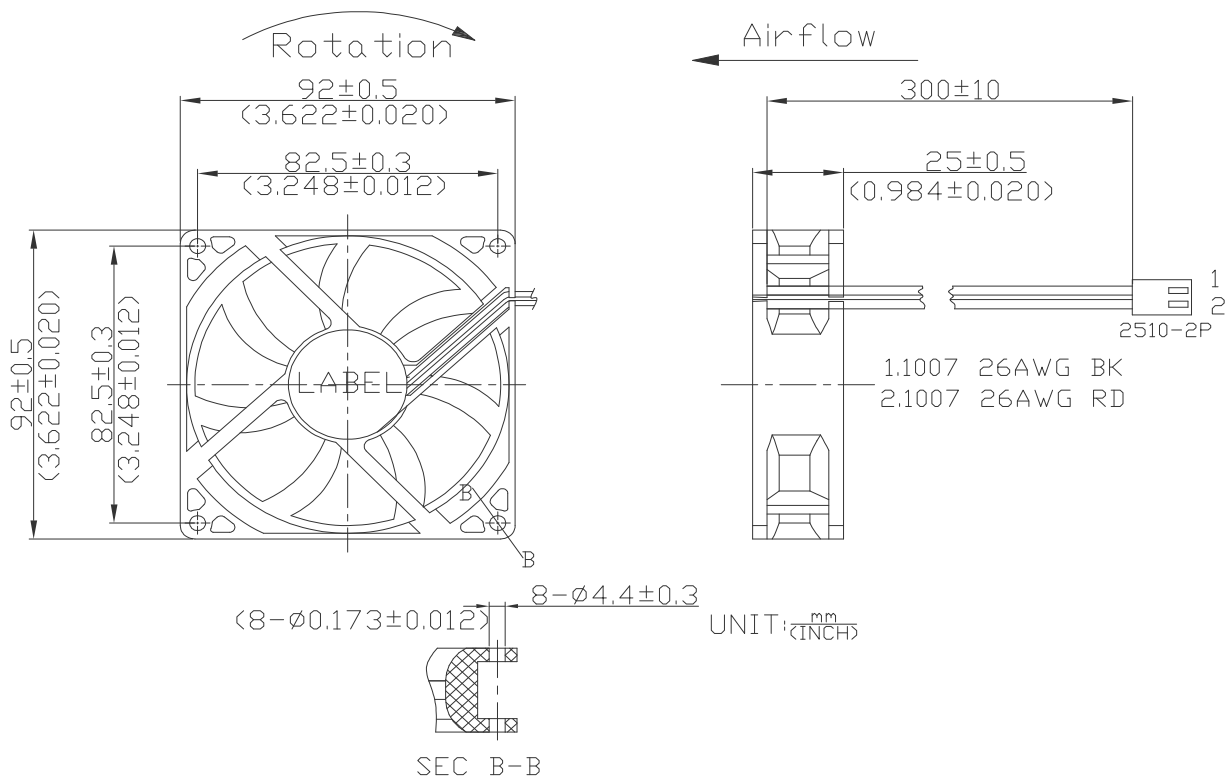
## V. DROPPING TEST

Prepared in minimum packing condition, fan will withstand one drop each on three surfaces from 30 cm height onto a 10mm thick hard wooden board.

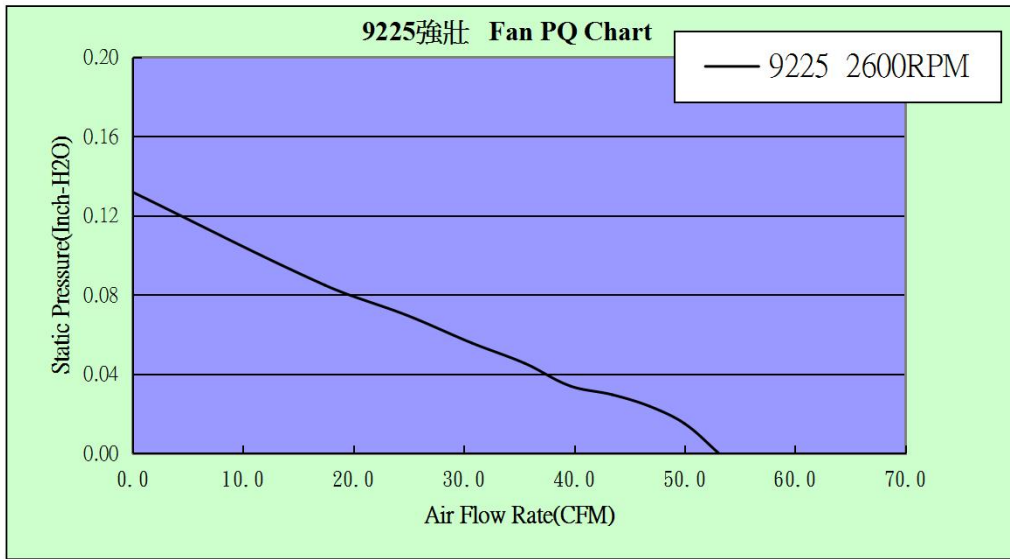
## VI. LABEL MARKING



## VII. OUTLINE DIMENSION



## VIII. P/Q Performance



	Q(cfm)	Ps(InchH2o)
1	0.000	0.132
2	17.419	0.085
3	24.888	0.070
4	30.724	0.056
5	35.538	0.045
6	39.687	0.034
7	43.441	0.030
8	46.851	0.024
9	49.971	0.015
10	53.096	0.000