



SPECIFICATION

MODEL
K-DC6025-A24-57HK

1.General Specification

Item		Specification/Condition	
1	Model	K-DC6025-A24-57HK	
2	Dimension	60×60×25mm	
3	Rated Voltage	24VDC	
4	Start-up Voltage	13VDC	
5	Operating Voltage	13~27.2VDC	a.Rated Voltage b.25°C c.65% RH d.Measured after 5 Mins
6	Rated Speed	5700RPM	
7	Rated Current	0.17A	
8	Rated Power	4.08W	
9	Max.Airflow	30.51 CFM	a.PQ Measurement Apparatus : (LW9266-SR) b.Standard : AMCA c.Rated Voltage d.Rated Current
		0.866 M ³ /min	
10	Max.Static Pressure	0.345 Inch-H ₂ O	
		8.76 Mm-H ₂ O	
11	Life Expectancy	70000hrs at 40°C	a.L10 at Conf. Level 90% b.Rated Voltage
12	Noise Level	44.5dB	a.Rated Voltage b.Non-Echo Chamber c.Standard:CNS 8753/ISO3744 d.Test Condition:ISO 7779 e.Distance: 1.0M
13	No. of Pole	4 Poles	
14	Waterproof	IP-68 (Customized)	

2.Electrical Specification

Item		Specification/Condition	
1	Locked Rotor Protection	<input type="checkbox"/> Safety Condition	
		<input checked="" type="checkbox"/> Auto power off after locked at rated voltage for 1sec After auto power off ,circuit attempt restart in 2 to 6sec	
2	Polarity Protection	<input checked="" type="checkbox"/> Open circuit when Vcc&GND are exchanged	
		<input type="checkbox"/> Circuit won't be burned within 5 seconds when Vcc &GND are exchanged	
3	Insulation Resistance	10MΩ Between unshielded wire and frame at 500VDC/min	
4	Dielectric Strength	5mA Max/ Measured b/w lead wire(+)and frame at 500VAC/min	
5	Special Function	<input type="checkbox"/> Soft start	<input type="checkbox"/> Current limiter

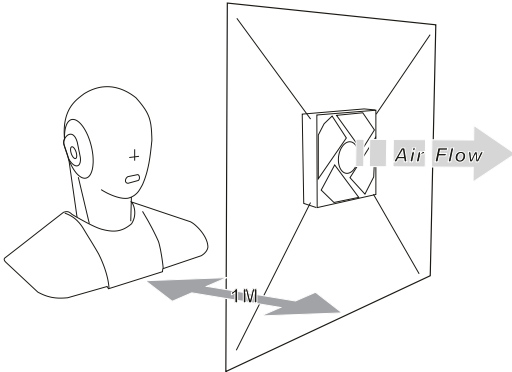

3.Main Materials,Parts Specification

1	Bearing	<input checked="" type="checkbox"/> Dual Ball Bearing		<input type="checkbox"/> Sleeve Bearing	
2	Frame	<input checked="" type="checkbox"/> PBT of UL94V-0		<input type="checkbox"/> Die-cast Aluminum Alloy	
3	Impeller	<input checked="" type="checkbox"/> PBT of UL94V-0		<input type="checkbox"/> Steel	
4	Bobbin	<input type="checkbox"/> PBT of UL94V-0			
5	Lead Wire	<input checked="" type="checkbox"/> Red(+)	<input checked="" type="checkbox"/> Black(-)	<input type="checkbox"/> Blue(PWM)	UL1430-26#
		<input type="checkbox"/> Yellow(FG)		<input type="checkbox"/> White(RD)	2 wires 550±10mm (Customized)
6	Connector	No			
7	Tube	Yes/With insulation heat shrink tube (Customized)			

4.Environmental Specification

Item		Specification/Condition
1	Operating Temp. Range	Temperature:-15°C~+70°C
		Humidity:15%~95%RH(Frost Eliminated)
2	Storage Temp. Range	Temperature:-30°C~+70°C
		Humidity:15%~95%RH(Frost Eliminated)

5.Noise Measure Condition

Measurement Systems	
1.ANECHOIC Room Noise Measurement System	
2.Digital Head Measurement System, 16-bit version	
3.Background Noise:<18dB(A)	
	

6.Outline Drawing (Unit:mm)

