

The logo for Krube, featuring the word "Krube" in a bold, black, sans-serif font with a stylized orange and blue graphic element to the right of the letters. The logo is enclosed in a white circle with a blue border.

Krube

规格书

SPECIFICATION

MODEL

K-AC12038-A220-27

Part No.	K-AC12038-A220-27	型 号
External Dimension	120mm*120mm*38mm	外形尺寸
Rated Voltage	220V~ AC	额定电压
Voltage Range	200V-240V~ AC	电压范围
Frequency	50/60Hz	频 率
Rated Current	0.14/0.11A±0.2A	额定电流
Power Consumption	18/14W±2W%	额定功率
Speed	2700/3100RPM±10%	额定转速
Max. Air Flow	91/102CFM±10%	风 量
Max. Static Pressure	7.9/8.7 mm-H2O	静 压
Noise Level	42/45dB-A	噪 音
Mass	540g	质 量

Free Air
 自由空气
Rated Voltage
 额定电压
25°C 60~80%RH

项 目	规 格	条 件	项 目
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2.1 Fan Main Materials Specification

2.1 风扇主要材料规格

Item	Specification	Item
Impeller	5 Blades Made of Aluminium 5叶 铝合金	扇 叶
Frame	Aluminum Die-casting ADC-12 铝合金 ADC12	扇 框
Stator & Rotor	Silicon Steel 矽钢	定 转 子

Magnet Wires	Copper PEW 漆包圆铜线 PEW	漆包线
Bearing System	BALL BEARING 滚珠轴承	轴承类型
Connector Type	Two Terminal 2 线	出线式

项 目	规 格	项 目
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3.1 Electrical Performance 3.1 电气性能

Item	Specification	Item
Dielectric Strength	Max. 5mA between frame and lead wire at 1800VAC for 1 sec 框与导线之间施加交流1800V, 1 秒钟测定漏电流最大 5mA	电气强度
Insulation Resistance	Min. 100M ohm between frame and lead wire at 500VDC/min 框与导线之间施加直流500V/min, 最小100MΩ	绝缘阻抗
Temperature Test of Run	At rated voltage and ambient temperature, the fan is operating continuously for 72 hours, the motor winding temperature rise max. 70K 在额定电压和室温温度, 风扇连续工作72小时, 电机绕组温升最大70K	运转温升
Electrical insulation class	CLASS F (155° C)	绝缘等级

项 目	规 格	项 目
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4.1 环境条件

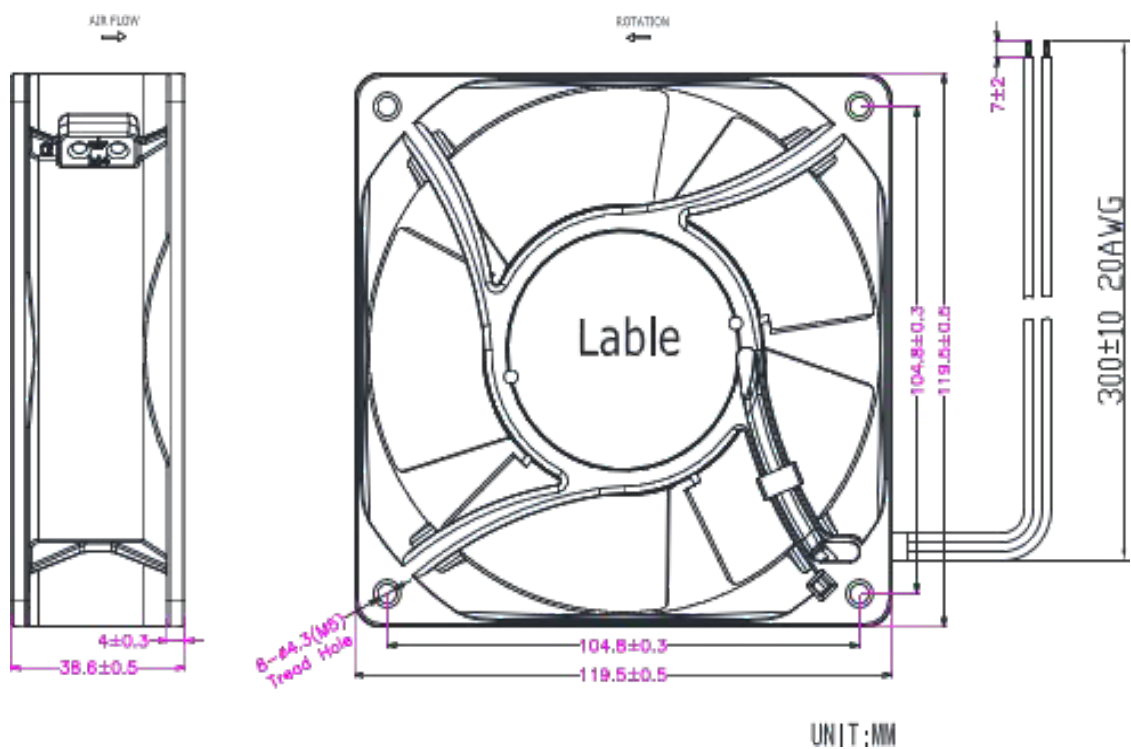
Item	Specification	Item
Operating Temperature Range	-20°C~85°C	工作温度范围

Operating Humidity Range	15%~90%RH	工作湿度范围
Storage Temperature Range	-20°C~80°C	存储温度范围
Storage Humidity Range	15%~90%RH	存储湿度范围
Life expectancy	50,000 H	期望寿命

项 目 规 格 项 目

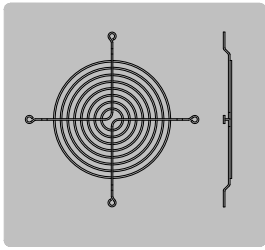
5.1 Fan External Dimensions

5.1 风扇外部尺寸图

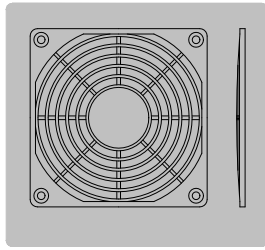


In order to better protect the sustained and stable operation of the fan, you can choose one guard to protect the fan. May refer to the following 4:

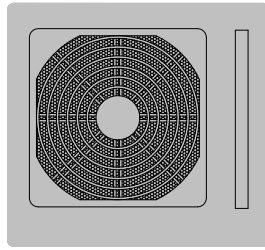
为了更好保障风扇持续稳定运行，你可以选择1个防护网保护风扇。可参考以下4种：



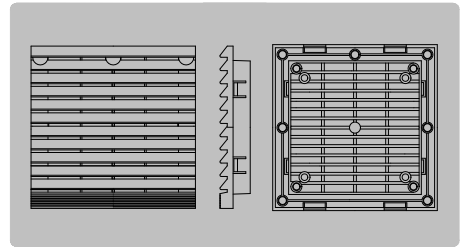
Metal Guard
金属网罩



Plastic Guard
塑料网罩



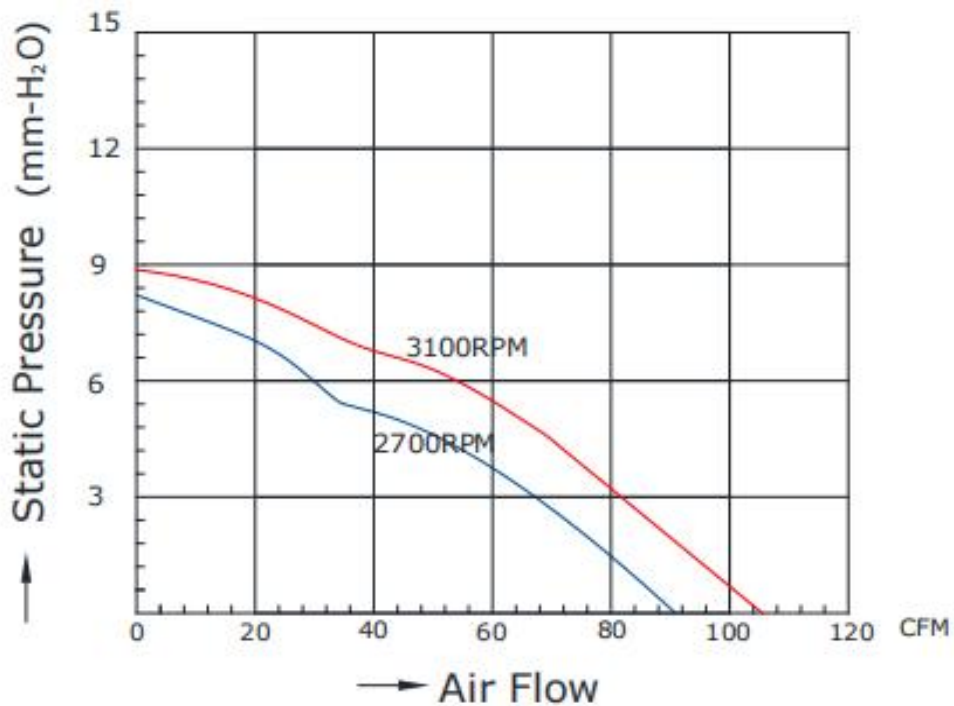
Three in one Filter
三合一防尘网



Ventilation Filter
通风过滤器

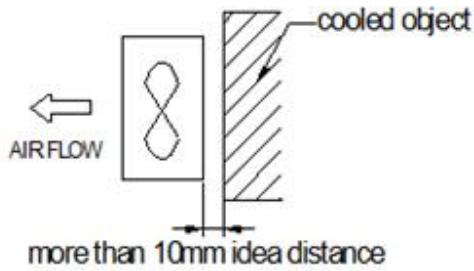
6.1 Static Pressure [P] & Air Flow[Q] Characteristics

6.1 静压与风量曲线图

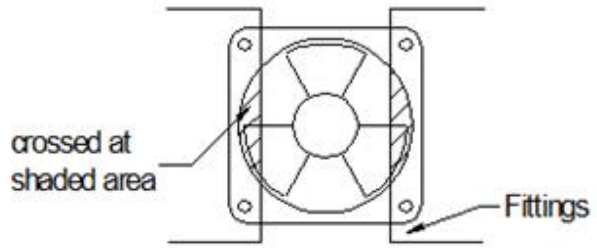


7.1 Installation Note

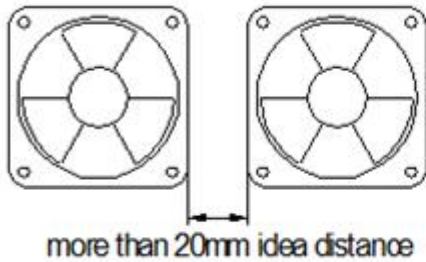
7.1 安装注意事项



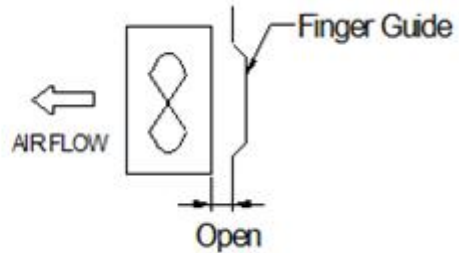
Keep some distance, between the object to be cooled and the inlet of the fan
保持一定的距离，在被冷却对象和风扇的进风口



When fittings are used ,pay attention not to cross each other
当使用配件时, 注意不要互相交叉



When more than two fans are used, please keep them apart.
当使用两个以上风扇, 请保持分开



When finger guide is used, please keep it separated from the fan.
当手指引导时, 请保持它与风扇分离

8.2 Main Test
8.2 主要实验

Test	Method	Test
Shock Test	Shock of acceleration 60g is applied in the 3 directions(X,Y and X) ,once in each direction. 加速度60g的冲击在X,Y,Z轴3方向，各施加1次。	冲击试验
Vibration Test	Vibration of acceleration 2.5g and frequency 10~55 ~10Hz is applied in the 3 directions (X ,Y and Z) for 30 minutes, each direction at the cycle of 1minute. 振动加速度2.5g，振动频率10~55~10赫兹的振动施加在X、Y和Z轴三个方向，一个循环为一分钟，各施加30分钟。	振动试验

Heat Shock Test

Fan is stored 4 time cycles in the following conditions : -20°C for 1 hour and 70°C 1 hour .Then back to normal temperature at 1 hour .Test is made after that.

No problem must be found in use

风扇存储在温度-20°C-1 小时和温度 70°C-1 小时，4 个周期循环，然后搁置在正常温度 1 小时后，可以测试。

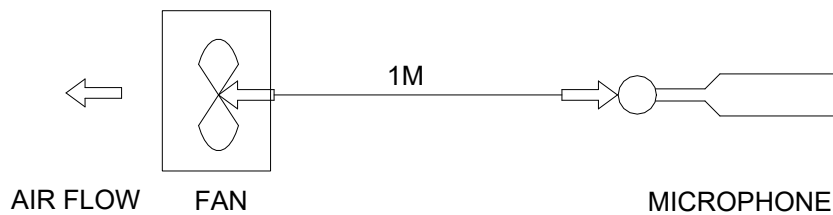
热冲击试验

Noise Test

Noise is measured at rated voltage in free air in anechoic chamber with B & K sound level meter with microphone at a distance of one meter from the fan intake.

噪声是在额定电压、自由空气、B&K 声级消声室风扇距离风扇进气口 1 米测量的。

噪音测试



Above specification is only for reference and subject to change without notice.

以上数据仅供参考，如有变更恕不另行通知。