SPECIFICATION

MODEL
K-AC28080-A220-25

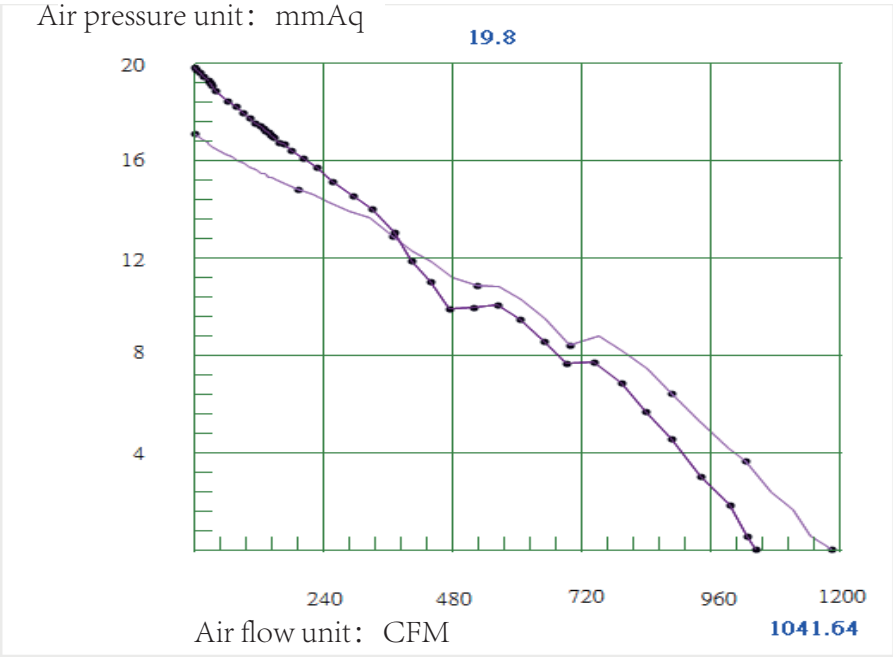
1. Requirement of production standard and safety regulations

1	The product satisfy requirements	GB12350 "Safety Requirements for Small Power Motors"
		GB/T13275 "General technical requirements for general purpose centrifugal fans"
2	Certification	
3	Vibration of the fan	The effective value of the fan vibration speed is specified in accordance with the JB/T8689 standard.

2. General Specifications (Electrical Parameters, Environmental Testing)

Item		Specifications/Conditions			
1	Operating Voltage	Rated voltage±10%			
2	Rated .voltage	220V		50Hz	60Hz
3	Rated current	Test at rated voltage	±10%A	0.58	0.63
4	Power consumption		±10%W	126	148
5	Rated speed		±7%RPM	2500	2800
6	Max Airflow		±5%CFM	1045	1184
	Air.Static Pressure		±5%Pa	198	170
7	Leaf number	7P			
8	Rotation direction	Counterclockwise, viewed from the blade surface			
9	Operating temperature	Rated voltage times, test temperature rise≤115K			
10	Max Noise	68/70±5%dBa			
11	Operating Temp .Range	Temperature:☑-10℃~+65℃ ☐-10℃~+45℃ Humidity:0-70%RH			
12	Storage Temperature	Temperature:-40℃~+70℃ Humidity:0%~85%RH			
13	Life time	Fan durability test: The fan runs continuously for 50,000 hours without failure (when the rated voltage, the ambient temperature is 25° C, the humidity is less than 70%RH, and the fan runs at full speed).			

3. PQ



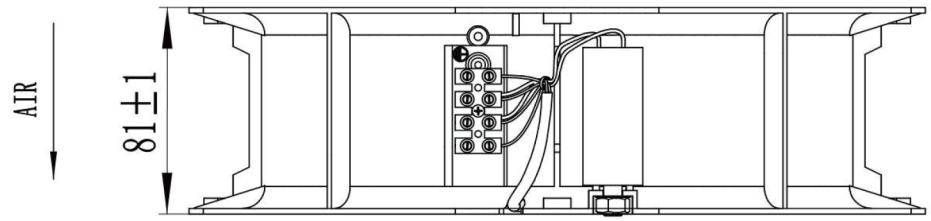
4. Main Materials/parts Specification

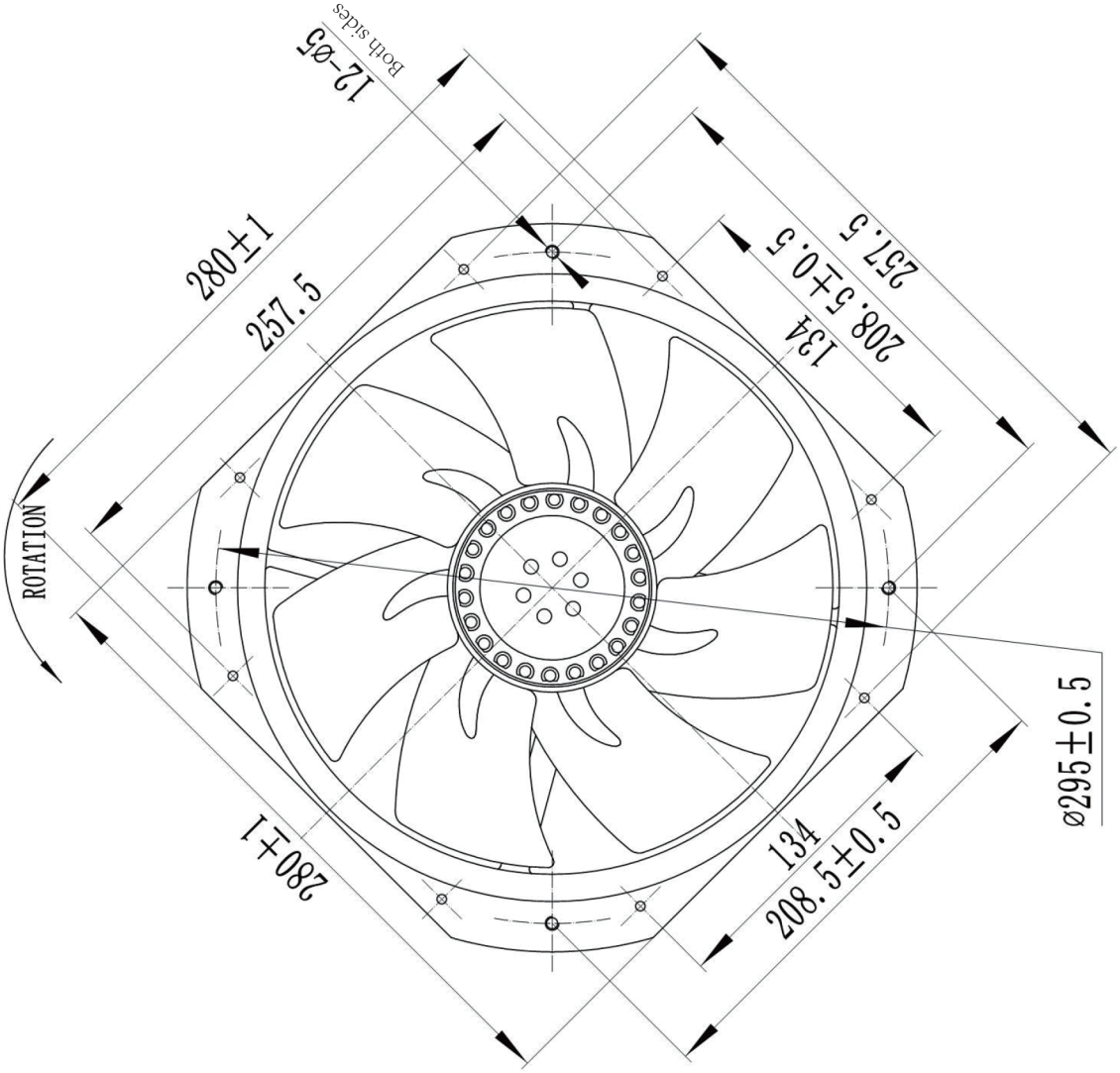
Materials/parts		Specification
1	Housing	☑ Metal、☐ Plastic products
2	Blade	☑ Metal、☐ Plastic products
3	Bearing Type	☑Ball bearing 608ZZ
4	Lead way	Note: AWG22#, the external terminal block is 160±10mm (optional)
5	Connector	Row end (terminal block)
6	capacitance	CBB60-4UF/500V
7	Protective net	☑ Metal、☐ Plastic products
8	ROSH	Some materials of this product comply with ROSH, if there are special requirements, please specify the order.

5. Electrical Specifically

1	Insulation Resistance	100MΩ/between unshackled wire and frame at 500VDC/1min
2	Dielectric Strength	☑1860VAC/5mA/1S ☐2160VAC/5mA/1S
3	INGRESSPROTECTION	☑IP44 ☐IP54
4	Insulation Shock	☑Class F ☐Class B
5	Type of protection	☑Thermal protector 150℃ ☐Impedance

6. Shape and installation drawings





7. NOTE

1. Our products should be used within the specification appointed condition, so we will not guarantee this product quality if your application exceeds the limitations outlined in this specification.
2. Product will be shipped in accordance with this specification unless we has been previously notified of parameters requiring exception, if parameters which are not specified in this specification.
3. Improper mounting may cause harsh resonance, vibration and noise. Please mount this fan motor properly without applying excessive or uneven force at the mounting points to avoid vibration and noise. Dampers at the mounting points can reduce noise and vibrations greatly.
4. Please use fan guards to avoid personal accidental injuries.
5. Unless this fan motor is specified for use in abnormal environments designated by IP rating level, this fan is designed to operate under normal environ mental conditions.
6. Please avoid operating M-FAN's products in poisonous material (organic, cyanogens, formalin, phenol, etc.)or corrosive gas environment(H2S, SO2, NO2,etc.)
7. Please use filters to clean the air-intake in very dusty air environments for extended fan life.
8. Unless prior agreement, We reserve the right to use components with equivalent specifications from multiple sources, so material and construction are subject to change without advance notice.
9. Always ensure that fans are stored according to the storage temperatures specified. Do not store in a high humidity environment. If the fans are stored for more than 6 months, we recommend functional testing before using.
10. Make sure to turn off the power before connection or disconnecting the connectors. This may cause short of electronic parts.