



SPECIFICATION

MODEL
K-AC22580-A230-26

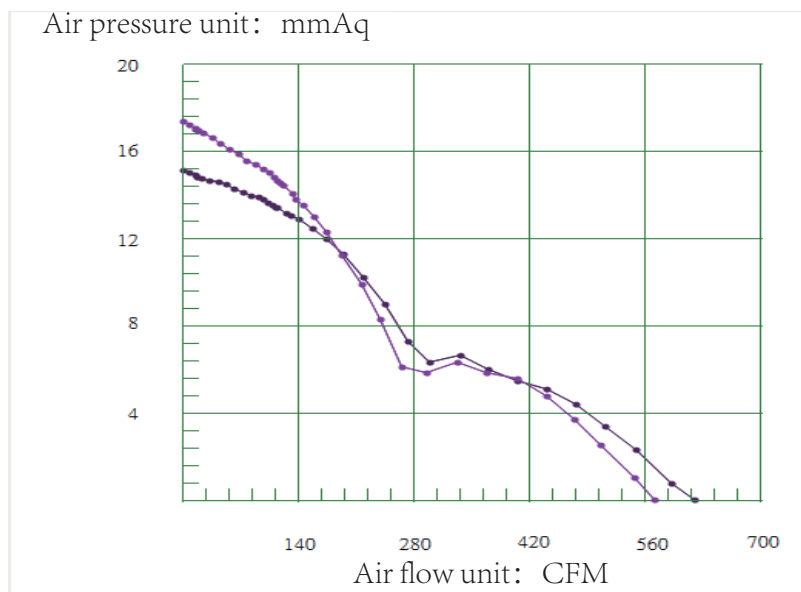
1. Requirement of production standard and safety regulations

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 $\pm 10\%$			
2	Rated .voltage	230V	50Hz	60Hz	
3	Rated current	Test at rated voltage	$\pm 10\%A$	0.25	0.35
4	Power consumption		$\pm 10\%W$	60	75
5	Rated speed		$\pm 7\%RPM$	2600	2850
6	Max Airflow		$\pm 5\%CFM$	570.3	620
	Air.Static Pressure		$\pm 5\%Pa$	175	151
7	Leaf number	7P			
8	Rotation direction	Counterclockwise, viewed from the blade surface			
9	Operating temperature	The standard temperature rise is less than or equal to 115K, and the test temperature rise under rated voltage (50Hz) is 56K; the test temperature rise at 1.1 times the rated voltage (50Hz) is 78k.			
10	Max Noise	66/68 $\pm 5\%dBa$			
11	Operating Temp .Range	Temperature: <input checked="" type="checkbox"/> $-10^{\circ}C \sim +65^{\circ}C$ <input type="checkbox"/> $-10^{\circ}C \sim +45^{\circ}C$ Humidity: 0-70%RH			
12	Storage Temperature	Temperature: $-40^{\circ}C \sim +70^{\circ}C$ 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).			
14	weight	2KG			

3. PQ



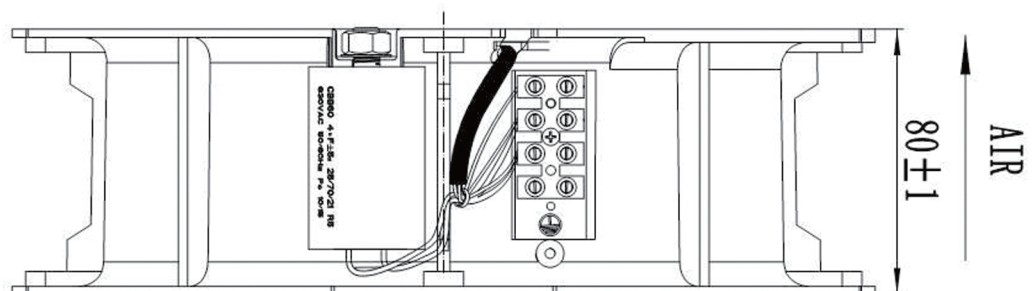
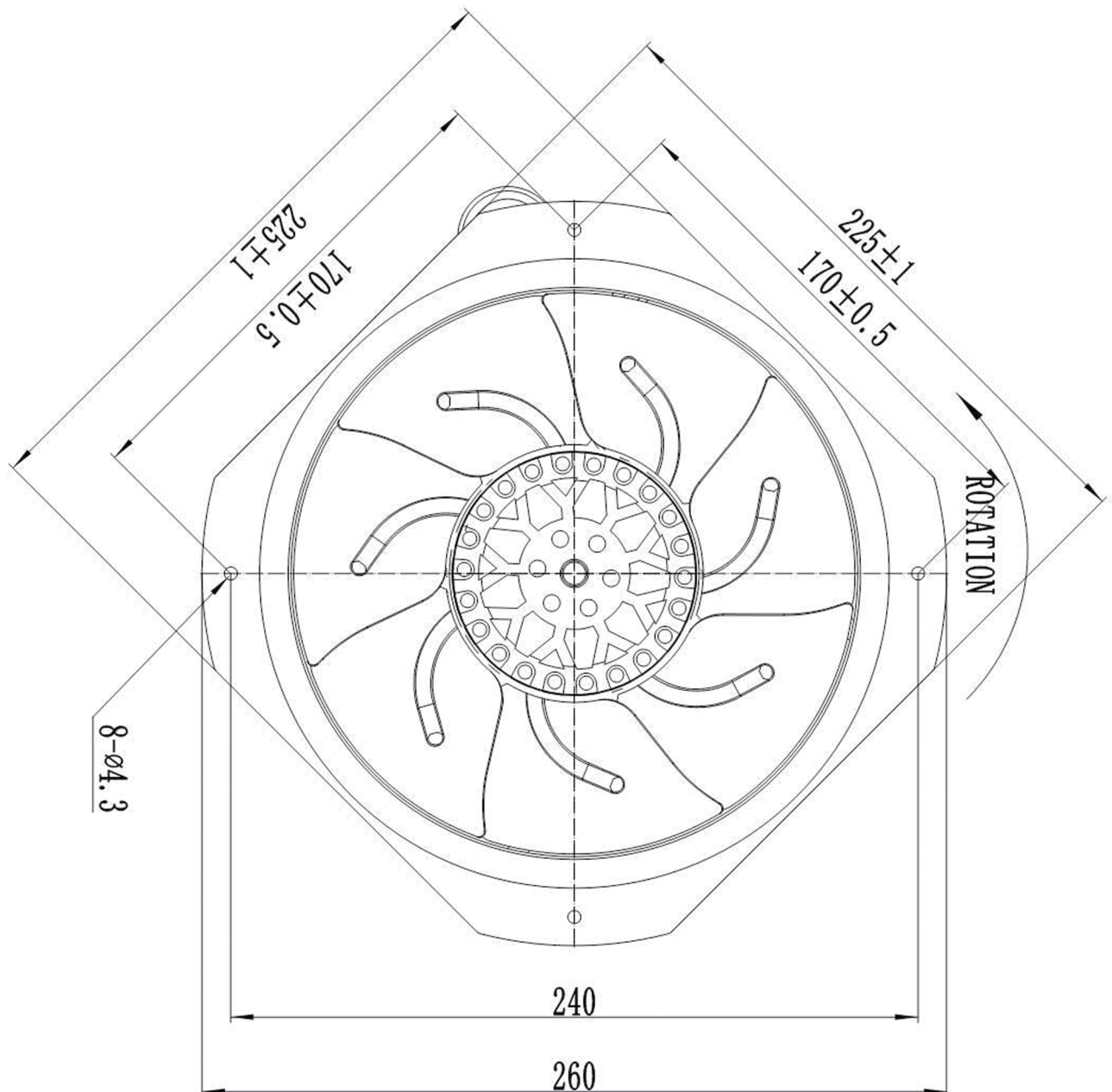
4. Main Materials/parts Specification

Materials/parts		Specification
1	Housing	<input checked="" type="checkbox"/> Metal 、 <input type="checkbox"/> Plastic products
2	Blade	<input checked="" type="checkbox"/> Metal 、 <input type="checkbox"/> Plastic products
3	Bearing Type	<input checked="" type="checkbox"/> Ball bearing 608ZZ
4	Lead way	Note: AWG22#, the external terminal block is 160±10mm (optional)
5	Connector	Row end (terminal block)
6	capacitance	CBB60-2.2 μ F/500-630V
7	Protective net	<input checked="" type="checkbox"/> Metal 、 <input type="checkbox"/> 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	100M Ω /between unshackled wire and frame at 500VDC/1min
2	Dielectric Strength	5mA Max. / <input checked="" type="checkbox"/> 1860VAC/5mA/1S <input type="checkbox"/> 2160VAC/5mA/1S
3	INGRESSPROTECTION	<input type="checkbox"/> IP44 <input checked="" type="checkbox"/> IP54
4	Insulation Shock	<input checked="" type="checkbox"/> Class F <input type="checkbox"/> Class B
5	Type of protection	<input type="checkbox"/> Thermal protector 150°C <input checked="" type="checkbox"/> 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.