

SPECIFICATION FOR APPROVAL

CUSTOMER: _____

MODEL: AF17251ML2BM5L0

Series: AC AXIAL FAN

P/N: _____

Rev: 01

Date: JUL.27. 2020



CUSTOMER	
APPROVED/DATE	
Rev	Description

Notice:

This offer is made according to your current inquiry. Unless otherwise revised, this specification will be final for all future production of orders from your company.

Kindly study in detail and send back to us the specification sheets with your confirmation signature in order to make an arrangement for production.

Approved by	Checked by	Authorized by

TangXia Town,Dongguan City,Guangdong,China

Postcode : 523710

Tel : +86 (0) 769 XXXXXXXX

Fax : +86 (0) 769 XXXXXXXX

PRODUCT SAFETY

1. **ULTRAR** will not guarantee this product if it is used in conditions other than the parameters outlined in this specifications.
2. Please contact **ULTRAR** to confirm any customer requirements not specified in the specification.
3. Please handle fans carefully. Damage may result from pressure to the impeller, carrying by the lead wires, or dropping fans on a hard surface.
4. The introduction of power, dust water insects or other erosion elements into the hub will result in safety problems or product failure, except in products designed for special environments.
5. Items 1-4, mentioned above, are generally pertinent to our products, and should be a first point of reference.
6. It is very important to establish the correct polarity before connecting the fan to the power source.
7. Avoid operating **ULTRAR** products in environments where poisonous or corrosive elements are present (organic, silicon, cyanogens , formal in phenol, H₂S, SO₂,NO₂,Cl₂,etc)
8. Please ensure that fans are stored according to the storage temperature specified. Do not store in a high humidity environment. If fans are stored for more than 6 months, SIYI recommends testing of fans before using.
9. Not all series fans are provided with the lock rotor protection feature. Damage or failure will result from operating fans without this feature, if the impeller for the fan is in any way hindered or impaired.
10. Install fans carefully. Incorrect mounting or installation may result in excessive resonance, vibration and subsequent noise.
11. Safety is a top priority. Please utilize guard accessories to prevent injury to personnel.

12. Unless otherwise noted, all tests are conducted at 25°C ambient temperature, and 65% relative humidity.
13. Any change to the parameters specified in this specification will be determined by mutual agreement between both parties. Parameters not specified will be identical to the final sample approved by your company.

1.0: 一般规格 (General Specification)

项目 Item		规格/条件 Specification/Condition	
1	型号 Model No.	AF17251ML2BM5L0	
2	外型尺寸 Outline Dimension	172*150*51mm	
3	工作电压 Operating Voltage	AC100 ~ 130V/ 220-240V	
4	额定电压 Rated .voltage	AC110/ 230V	
5	频率 Frequency	60/50 Hz	
6	额定电流 Rated current	0.53A/0.28A±10%	a. 额定电压 Rated .voltage b.25°C 65% RH c.After testing for 5 minutes
7	消耗功率 Power consumption	35W/38W	
8	转速 Speed	2800±10%RPM	
9	风量 Airflow AT ZERO STATIC PRESSURE	200CFM	a. 额定电压 Rated .voltage b. AMCA 标准 Standard C. 额定电流 Rated current
	静压 Air .Static Pressure AT ZERO AIRFLOW	mmH2O (Min.: mmH2O)	
10	噪音标准 Noise Level	50dB-A	a. 额定电压 Rated Voltage b. 18dB无响室 18dB Non-Echo Chamber c. 标准 Standard: CNS 8753 / ISO 3744 d. Test Condition :ISO 7779 e. 距离 Distance: 1.0 M
11	期望寿命 Life expectancy	25000 hrs at temp25°C Humidity5% ~ 95%	MTTF Mean Time To Failure Conf. Level 90%
12	扇叶数 No.of.Blade	5 叶	
13	极数 No.of.Pole	4 极	
14	运转方向 Rotating Direction	逆时针/运转方向是从扇叶面看 Anticlockwise Air Discharged	
15	锁住保护 Lock Protection	□ 无 NO	

2.0: 电气规格 (Electrical Specification)

项目 (Item)		规格 (Specification/ Condition)
01	绝缘阻抗 (Insulation Resistance)	10 M ohm at DC 500V (Between Frame and Terminal)
02	绝缘耐压 (Dielectric Strength)	5 mA (Max .) @ AC 500V 60 Hz 1 min (Between Frame and Terminal)

3.0: 主要材料/零件规格 (Main Materials/parts Specification)

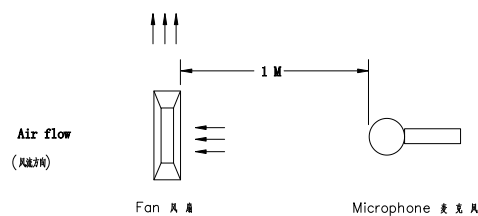
材料/零件 Materials/parts		规格 Specification
1	金属材料/ 外框扇叶 Metal Material/ Frame impeller	铝合金一次压铸成型 (Die Cast Aluminium)
2	塑胶材料/扇叶 Plastic Material/Impeller	PBT+30%GF BláK
3	轴承 Bearing Type	滚珠轴承 Ball Bearing
4	定子与转子 Stator & Rotor	矽钢 Silicon steel
5	漆包线 Magnet Wires	漆包圆铜线 Copper 1UEW [CLASS B]
6	绝缘套 Bobbin	尼龙 66 PA-66 UL 94 V-0
7	引线 Lead Wire	UL 1007 22AWG ,4 Wires
8	端子 Connector	无端导线线长 350mm (Black.Red.Yellow.Blue)
9	产品净重 Weight	830 grams 克

4.0: 环境 (Environmental)

项目 (Item)	规格 (Specification)
工作环境 Operating Temperature	-10℃~ 70℃ (35%-85% RH)
储存环境 Storage Temperature	-10℃~ 70℃ (35%-85% RH)

5.0: 在无响室额定电压下之噪音测试

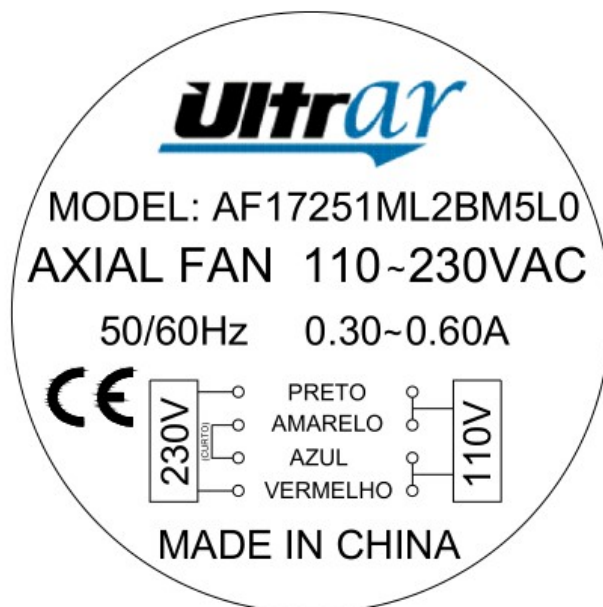
(Noise is measured at rated voltage in anechoic)



(在背景噪音不超过 18dB (A) 的无响室内，将待测风扇通入额定的工作电压，悬掉入空中，将麦克风放于风扇同一平面且离待测风扇进风口 1 米处进行测试其 B&K 值)

Noise is measured 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.The background noise is 18Db(A) max.

6.0: 商标 (Label Marking)



7.0: 外观尺寸图 (Outline Dimension)

