

SPECIFICATION FOR APPROVAL

Customer: Description Customer Part No: Fulltech Model No: Issue Date:

AC FAN

UF- 80A11B-H May.14.21

REV:

REV: 00

PLEASE SEND ONE COPY OF THIS SPECIFICAITON BACK AFTER YOU SIGNED APPROVAL FOR PRODUCTION PRE-ARRANGMENT.

APPROVED BY:

DATE:

FULLTECH ELECTRIC CO., LTD NO.31, NEI-SHI ROAD, LU-CHU DISTRICT 33852, TAOYUAN CITY, TAIWAN, R.O.C. TEL: 886-3-3246161 FAX: 886-3-3245596



HISTORY

CUSTOM								
CUSTOMER P/N:								
FULLTECH MODEL: <u>UF-80A11B-H</u>								
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SPECIFICATIONS

ITEM UF-80A11B-H RATED VOLTAGE AC115V VOLTAGE RANGE AC103-126V SPEED(RPM) 50Hz 2500 RPM±10% GHZ 3000 RPM±10% 60Hz 3000 RPM±10% RATED CURRENT 50Hz 0.15 A±10% GHZ 0.12 A±10% 50Hz 11 W±10% RATED INPUT 50Hz 0.16 A±10% LOCKED CURRENT 50Hz 0.16 A±10% MAX. AIR VOLUME 50Hz 0.16 A±10% MAX. AIR VOLUME 50Hz 0.16±10% inH2O OPERATING TEMP. -40°C→+70°C MAX. STATIC PRESSURE 50Hz 0.16±10% inH2O OPERATING TEMP. -40°C→+70°C MAX. OPERATING HUMIDITY 85% STORAGE TEMP. -40°C→+70°C MAX. OPERATING DIRECTION CLOCKWISE DIRECTION BLOWING DIRECTION EXHAUST OVER STRUTS INSULATION RESISTANCE DC 500 V 100MΩ DIELECTRIC STRENGTH AC 1500V / 1MIN. NOISE 60Hz 36 (Max.41) dB SAFETY PROTECTION IMPEDANCE PROTECTION INSULATION GRADE CLASS B BEARING BLLIFE EXPECTANCY OVER 400000 H	MODEL	UF-80A11B-H		
VOLTAGE RANGEAC103-126VSPEED(RPM)50Hz 2500 RPM±10% 60Hz 3000 RPM±10%RATED CURRENT50Hz 0.15 A±10% 60Hz 0.12 A±10%RATED INPUT50Hz 11 W±10% 60Hz 8 W±10%LOCKED CURRENT50Hz 0.16 A±10% 60Hz 0.14 A±10%MAX. AIR VOLUME50Hz 24±10% CFM 60Hz 30±10% CFM 60Hz 0.12 ±10% inH2O 60Hz 0.22±10% inH2OMAX. STATIC PRESSURE50Hz 0.16±10% inH2O 60Hz 0.22±10% inH2OOPERATING TEMP40°C~+70°CMAX. OPERATING HUMIDITY85% 55%STORAGE TEMP40°C~+80°CROTATING DIRECTIONCLOCKWISE DIRECTION BLOWING DIRECTIONBLOWING DIRECTIONEXHAUST OVER STRUTS 1NSULATION RESISTANCEDC 500 V 100MQDIELECTRIC STRENGTH AC 1500V / 1MIN.NOISE60Hz 32 (Max.37) dB 60Hz 36 (Max.41) dBSAFETY PROTECTIONIMPEDANCE PROTECTION INSULATION GRADELIFE EXPECTANCYOVER 40000 HOURS (40°C) FRAME MATERIALALUMINUM (ADC-12) FRAME MATERIALPLASTIC 94V-0 PBT. COVERING GLASS FIBER				
SPEED(RPM)50Hz 2500 RPM±10% 60Hz 3000 RPM±10%RATED CURRENT50Hz 0.15 A±10% 60Hz 0.12 A±10%RATED INPUT50Hz 11 W±10% 60Hz 8 W±10%LOCKED CURRENT50Hz 0.16 A±10% 60Hz 0.14 A±10%MAX. AIR VOLUME50Hz 24±10% CFM 60Hz 30±10% CFMMAX. STATIC PRESSURE50Hz 0.16±10% inH2O 60Hz 0.22±10% inH2OOPERATING TEMP40°C~+70°CMAX. OPERATING HUMIDITY85% 50%STORAGE TEMP40°C~+80°CROTATING DIRECTIONCLOCKWISE DIRECTION BLOWING DIRECTIONBLOWING DIRECTIONEXHAUST OVER STRUTS 1NSULATION RESISTANCEDIELECTRIC STRENGTHAC 1500V / 1MIN.NOISE60Hz 32 (Max.37) dB 60Hz 36 (Max.41) dBSAFETY PROTECTIONIMPEDANCE PROTECTION 1NSULATION GRADELIFE EXPECTANCYOVER 40000 HOURS (40°C) FRAME MATERIALALUMINUM (ADC-12) IMPELLERPLASTIC 94V-0 PBT. COVERING GLASS FIBER	RATED VOLTAGE	AC115V		
SPEED(RPM)60Hz 3000 RPM±10%RATED CURRENT50Hz 0.15 A±10%60Hz 0.12 A±10%50Hz 0.12 A±10%RATED INPUT50Hz 11 W±10%60Hz 8 W±10%50Hz 0.16 A±10%LOCKED CURRENT60Hz 0.14 A±10%MAX. AIR VOLUME50Hz 24±10% CFMMAX. STATIC PRESSURE50Hz 0.16±10% inH2O60Hz 0.22±10% inH2O60Hz 0.22±10% inH2OOPERATING TEMP40°C~+70°CMAX. OPERATING HUMIDITY85%STORAGE TEMP40°C~+80°CROTATING DIRECTIONCLOCKWISE DIRECTIONBLOWING DIRECTIONEXHAUST OVER STRUTSINSULATION RESISTANCEDC 500 V 100MQDIELECTRIC STRENGTHAC 1500V / 1MIN.NOISE50Hz 32 (Max.37) dB60Hz 36 (Max.41) dB60Hz 36 (Max.41) dBSAFETY PROTECTIONIMPEDANCE PROTECTIONINSULATION GRADECLASS BBEARINGBALL BEARINGLIFE EXPECTANCYOVER 40000 HOURS (40°C)FRAME MATERIALALUMINUM (ADC-12)IMPELLERPLASTIC 94V-0 PBT.COVERING GLASS FIBER	VOLTAGE RANGE	AC103-126V		
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ROTATING DIRECTIONCLOCKWISE DIRECTIONBLOWING DIRECTIONEXHAUST OVER STRUTSINSULATION RESISTANCEDC 500 V 100MΩDIELECTRIC STRENGTHAC 1500V / 1MIN.NOISE50Hz 32 (Max.37) dB60Hz 36 (Max.41) dBSAFETY PROTECTIONIMPEDANCE PROTECTIONINSULATION GRADECLASS BBEARINGBALL BEARINGLIFE EXPECTANCYOVER 40000 HOURS (40°C)FRAME MATERIALALUMINUM (ADC-12)IMPELLERPLASTIC 94V-0 PBT.COVERING GLASS FIBER	MAX. OPERATING HUMIDITY	85%		
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NOISE50Hz32 (Max.37) dB60Hz36 (Max.41) dBSAFETY PROTECTIONIMPEDANCE PROTECTIONINSULATION GRADECLASSBEARINGBALL BEARINGLIFE EXPECTANCYOVER 40000 HOURS (40°C)FRAME MATERIALALUMINUM (ADC-12)IMPELLERPLASTIC 94V-0 PBT. COVERING GLASS FIBER	INSULATION RESISTANCE	DC 500 V 100MΩ		
NOISE60Hz36 (Max.41) dBSAFETY PROTECTIONIMPEDANCE PROTECTIONINSULATION GRADECLASSBEARINGBALL BEARINGLIFE EXPECTANCYOVER 40000 HOURS (40°C)FRAME MATERIALALUMINUM (ADC-12)IMPELLERPLASTIC 94V-0 PBT. COVERING GLASS FIBER	DIELECTRIC STRENGTH	AC 1500V / 1MIN.		
INSULATION GRADECLASS BBEARINGBALL BEARINGLIFE EXPECTANCYOVER 40000 HOURS (40°C)FRAME MATERIALALUMINUM (ADC-12)IMPELLERPLASTIC 94V-0 PBT. COVERING GLASS FIBER	NOISE			
BEARINGBALL BEARINGLIFE EXPECTANCYOVER 40000 HOURS (40°C)FRAME MATERIALALUMINUM (ADC-12)IMPELLERPLASTIC 94V-0 PBT. COVERING GLASS FIBER	SAFETY PROTECTION	IMPEDANCE PROTECTION		
LIFE EXPECTANCYOVER 40000 HOURS (40°C)FRAME MATERIALALUMINUM (ADC-12)IMPELLERPLASTIC 94V-0 PBT. COVERING GLASS FIBER	INSULATION GRADE	CLASS B		
FRAME MATERIALALUMINUM (ADC-12)IMPELLERPLASTIC 94V-0 PBT. COVERING GLASS FIBER	BEARING	BALL BEARING		
IMPELLER PLASTIC 94V-0 PBT. COVERING GLASS FIBER	LIFE EXPECTANCY	OVER 40000 HOURS (40℃)		
IMPELLER COVERING GLASS FIBER	FRAME MATERIAL	ALUMINUM (ADC-12)		
	IMPELLER			
	DIMENSION	80 * 80 * 38 mm.		
WEIGHT 0.28 KG.	WEIGHT	0.28 KG.		

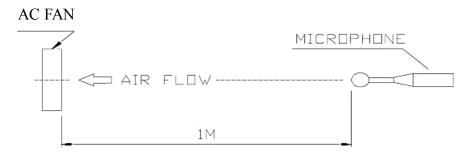
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No. 31, Nei-Shi Road, Lu-Chu, Taoyuan 33852, Taiwan / http://www.fulltech.com.tw / TEL: 03-324-6161 / FAX: 03-324-5596



NOTES:

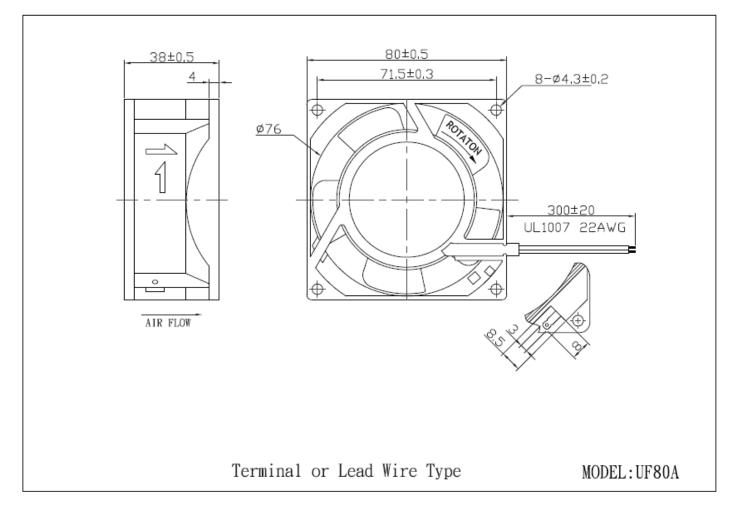
- 1.ALL READINGS ARE MEASURED AFTER STABLY WARMING UP THROUGH 30 MINUTES.
- 2. STANDARD AIR PROPERTY IS AIR AT (Td) 25°C TEMPER ATURE, (RH) 65% RELATIVE HUMIDITY , AND (Pb) 760 mmHg BAROMETRIC PRESSURE.
- 3. ACOUSTICAL NOISE MEASURING CONDITION:



4. NOISE IS MEASURED AT RATED VOLTAGE IN FREE AIR IN A SEMI-ANECHOIC CHAMBER WITH A & D SOUND LEVEL METER WITH MICROPHONE AT A DISTANCE OF ONE METER FROM THE FAN INTAKE.

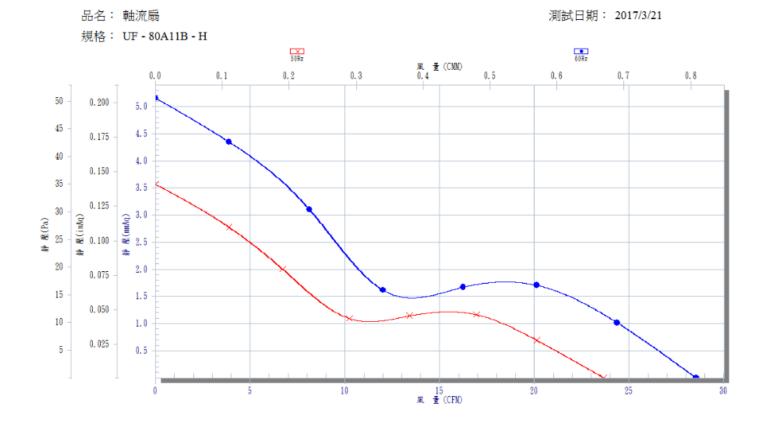


PRODUCT DRAWING





AIR FLOW-STATIC PRESSURE CURVE



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Operating Manual

1. SAFETY REGULATIONS AND INFOMRATION

- Read following operating instructions carefully before starting work on the device. Observe the following warnings to prevent machine malfunctions or danger to persons.
- These operating instructions maybe duplicated and distributed to inform about the potential dangers.

1.1 Staff Qualifications

- The device may only be transported, unpacked, installed, operated, maintained and otherwise used by qualified, trained and authorized technical staff.
- Authorized specialists are preferred to install the device with the electrical installation and carry out the test run.

1.2 Basic safety rules

- Please make sure the product is being installed and used in compliance with all safety standards.
- The locally applicable industrial safety regulations are always to be observed when working on the device.
- Please handle and install the product with caution. Hit or drop the product may cause possible damage.
- Please do not damage the product, especially the coil or lead wires during the installation, which may cause the possible smoke or fire.
- Fulltech Electric Co., Ltd.'s product warranty will not extend if your application exceeds the limitation of product specification.

1.3 Mechanical movement

FULLTECH

- Risk of injury to body parts if coming into contact with the rotor or the impeller.
- Secure the device against accidental contact
- Before working on the system/machine, wait till all parts come to a standstill.
- Fulltech recommends to protect the fan from exposure to outside elements, such as dust, condensation, humidity or insects. Exposure of this fan to outside elements such as dust, condensation, humidity or insects may effect the fan performance and cause the safety concern.

1.4 Transportation

• Transport the fan in its original packaging is preferred.

1.5 Storage

- Please follow the requirement on product specification for fan storage. Make sure that fan will dry and clean and free from vibration.
- Please "do not" store the fan in a high humidity environment. If this fan is stored over 6 months, Fulltech suggests functional testing before using.

1.6 Warranty

- This fan is warranted against all defects which are proved to be fault in our workmanship and material for one year from the date of our delivery.
- The sole responsibility under the warranty shall be limited to the repair of the fan or the replacement thereof, at Fulltech's sole discretion.
- Fulltech will not be responsible for the failures of it's fan due to improper handling misuse or the failure to follow specification or instruction for use.
- Fulltech will not be responsible for any consequential damage to the customer's equipment as a result of any fans proven to be defective.