

SPECIFICATION FOR APPROVAL

Customer : _____
Description BLOWER FAN
Customer Part No: _____ REV: _____
Fulltech Model No: UF-D160DPB04H1D4AN-00001 REV: 00
Issue Date: JAN.30.26

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



CUSTOMER:

CUSTOMER P/N: _____

FULLTECH MODEL: UF-D160DPB04H1D4AN-00001

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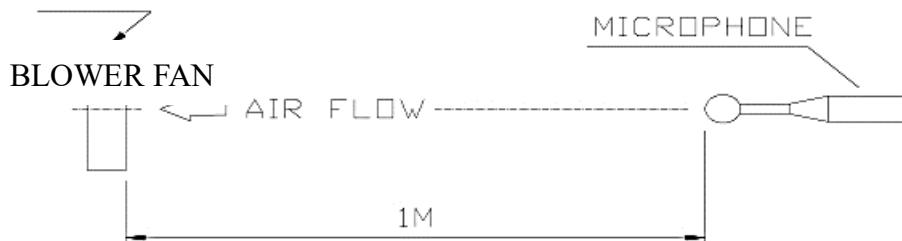
Information and data is subject to change without prior notification.

SPECIFICATIONS

ITEM \ MODEL	UF-D160DPB04H1D4AN
RATED VOLTAGE	DC 48V
VOLTAGE RANGE	DC 28 to 60 V
SPEED (RPM)	2900 RPM±10%
RATED CURRENT	0.46 A±15%
RATED INPUT	23 W±15%
LOCKED CURRENT	0.1 A±15%
MAX.AIR VOLUME	126.0 CFM±10%
MAX.STATIC PRESSURE	1.97 inH2O±10%
OPERATING TEMP	-20℃~ +70℃
MAX. OPERATING HUMIDITY	85%
STORAGE TEMP	-30℃~ + 75℃(Non-condensing)
ROTATING DIRECTION	ANTI-CLOCKWISE DIRECTION
BLOWING DIRECTION	EXHAUST OUT OF THE OUTLET
INSULATION RESISTANCE	DC 500 V 100M Ω
DIELECTIC STRENGTH	AC 500V / 1MIN
NOISE	67 (Max.72) dB
SAFETY PROTECTION	ELECTRONICALLY-PROTECTED
INSULATION GRADE	CLASS A
BEARING	BALL BEARING
LIFE EXPECTANCY	60000 HOURS (40℃)
FRAME MATERIAL	PLASTIC (PC) + METAL PIECE (SGCC)
IMPELLER	PLASTIC PA COVERING GLASS FIBER
IP RATE	IP68
DIMENSION	220*220*56.2mm
WEIGHT	1.50Kg

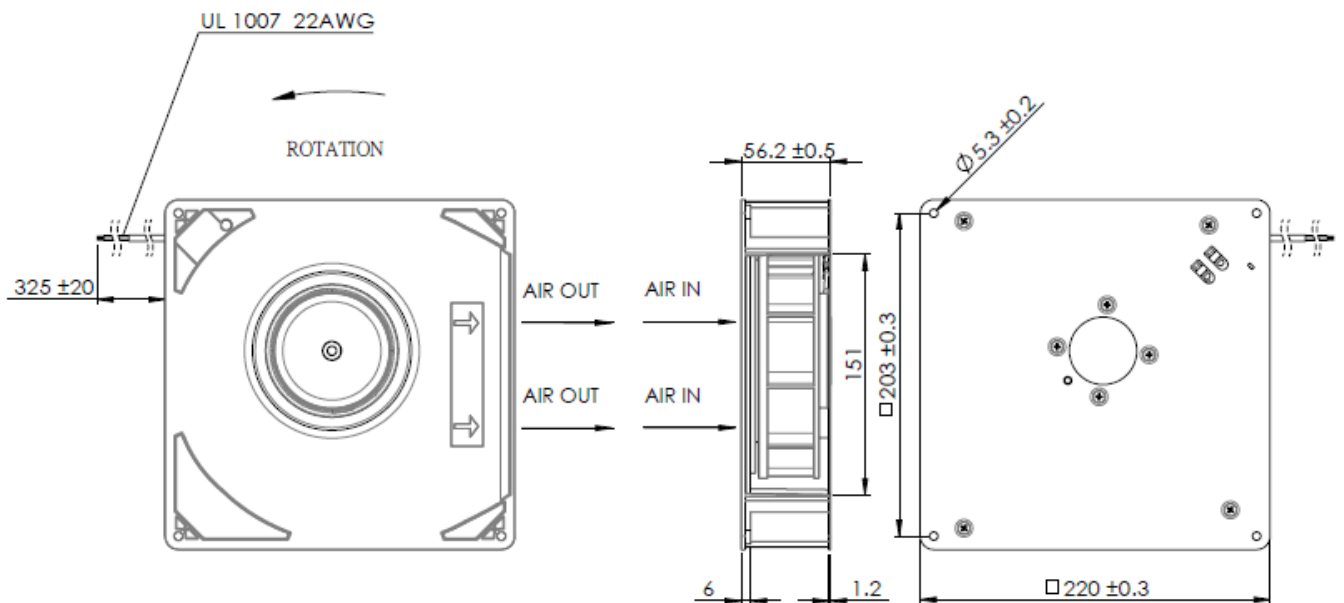
NOTES:

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



Lead wire Type

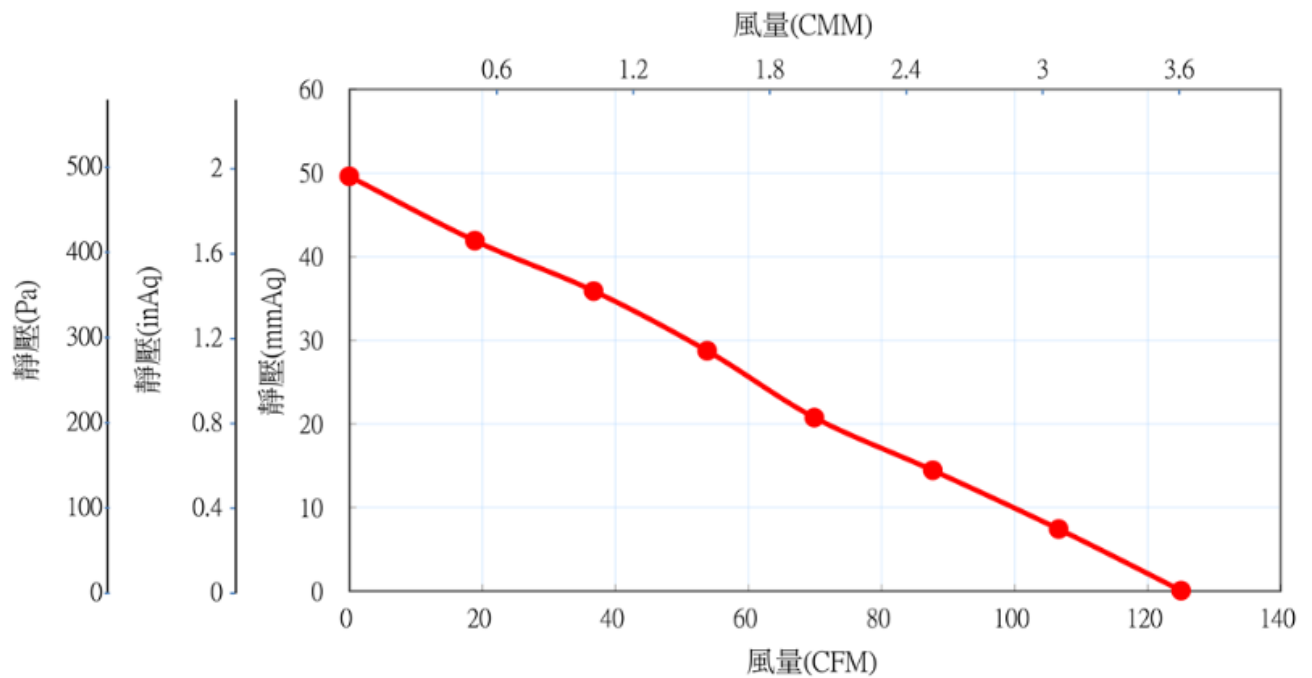
MODEL:UFD160DPB

AIR FLOW-STATIC PRESSURE CURVE

品名：鼓風扇

測試日期：2020/10/14

規格：UF-D160DPB04H1D4A



Operating Manual

1. SAFETY REGULATIONS AND INFORMATION

- 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 may be 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

- 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.