



ROHS

GULF ELECTRICS CO., LTD.

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User Menu

A. General Specification

| Item | | Specification | Condition |
|------|---------------------------|--|--|
| 1 | Model No. | 5E-115B-S | At Rated Voltage, 25°C, 65% RH, Free Air |
| 2 | Outline Dimension | 172 x 151 x 55 mm | |
| 3 | Rated Voltage | AC 115 V | |
| 4 | Frequency | 50 / 60 Hz | |
| 5 | Rated Current | 0.25 / 0.21 A | |
| 6 | Power Consumption | 27 / 25 W | |
| 7 | Rotating Speed | 2700 / 3100 RPM | |
| 8 | Max. Airflow _W | 210 / 240 CFM | At Rated Voltage AMCA-210-99 Standard |
| 9 | Max. Static Pressure | 12.5 / 13.5 mmAq | |
| 10 | Noise Level | 57 / 61 dB | |
| 11 | No. of Blade | 6 Blades | |
| 12 | No. of Pole | 2 Poles | |
| 13 | Rotating Direction | Clockwise View From Label Side | |
| 14 | Tolerance | ± 10% At Rated Voltage | |
| 15 | Weight | 840g | |
| 16 | Motor Type | Induction Motor | |
| 17 | Safety | Thermally-Protected | |
| 18 | Life | 50000/hrs at 25°C (Ordinary Humidity) | |
| 19 | Operating Temp. Range | Temperature : -10°C ~ + 70°C (Ordinary Humidity) | |
| 20 | Insulation | Class A | |

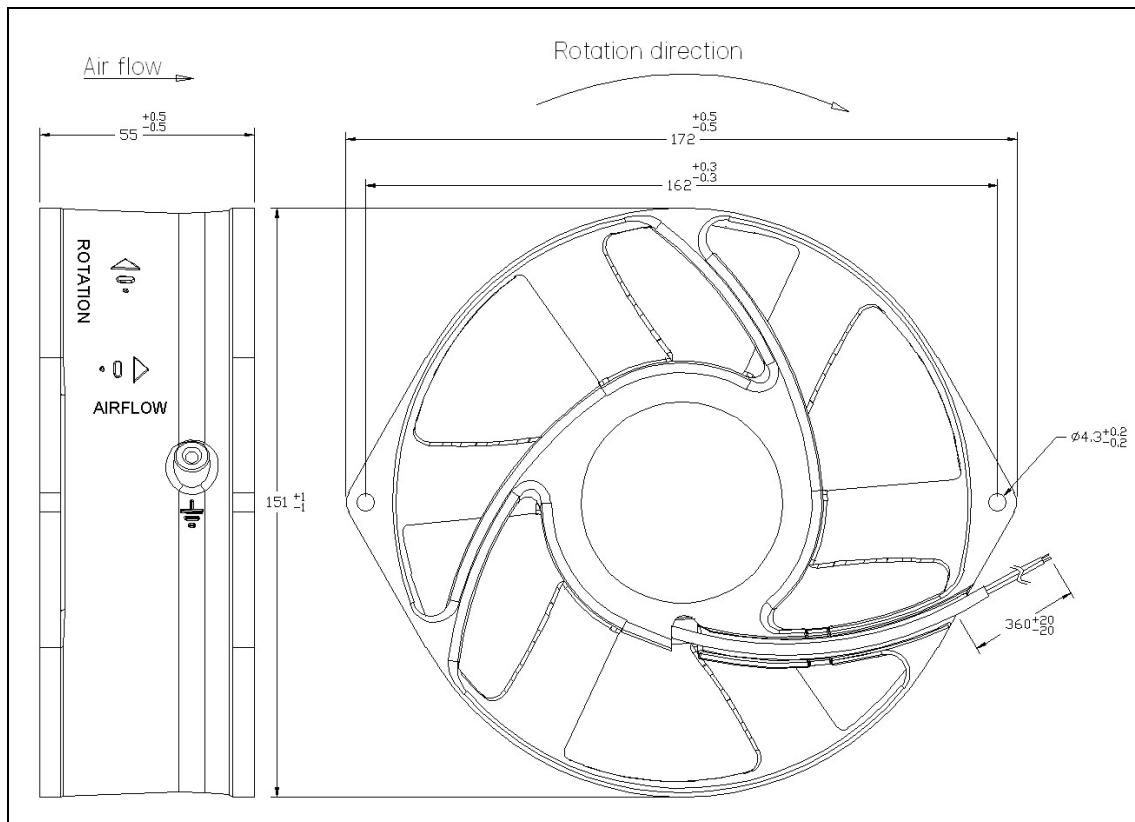
B. Main Materials / Parts Specification

| Materials / Parts | | Specification |
|-------------------|---------------|-------------------------------------|
| 1 | Frame/Housing | Aluminum Die Casting, Painted Black |
| 2 | Blade | Steel |
| 3 | Bearing | Ball Bearing |
| 4 | Connection | Lead Wire , UL1015 AWG22 |

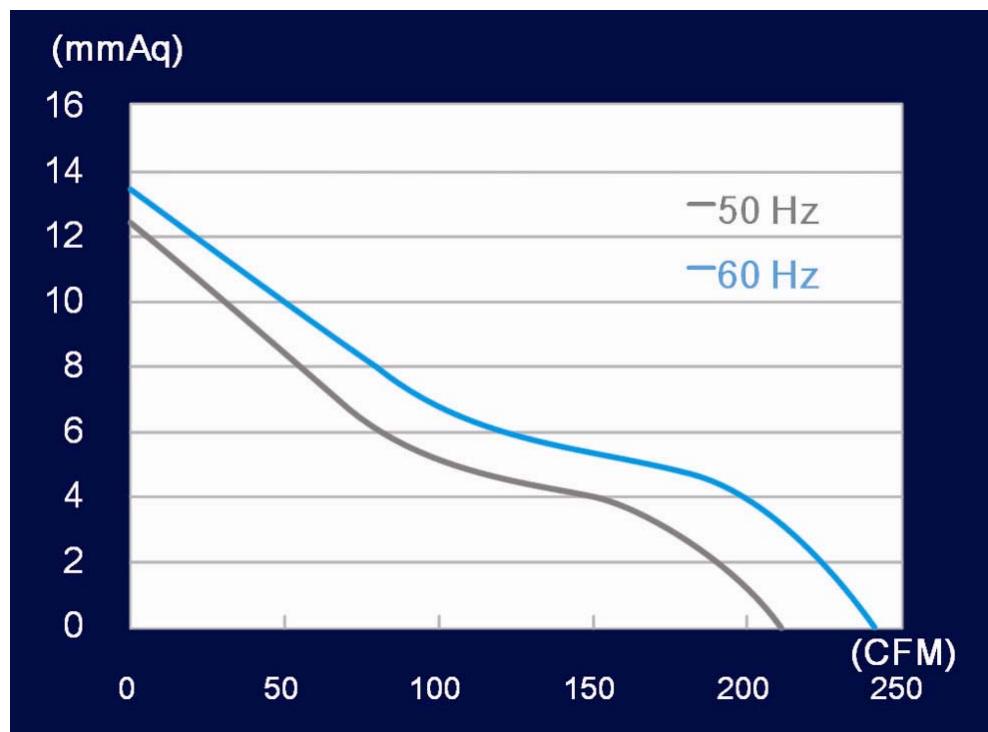
C. Electrical Specification

| Item | Specification / Condition |
|-------------------------|--|
| 1 Insulation Resistance | Minimum 100MΩ between frame and AC lead wire / terminal at 500VDC for 60 seconds |
| 2 Dielectric Strength | Maximum leakage 5mA between frame and AC lead wire / terminal at 1.8KVAC for 1 seconds |

D. Outline Dimension (UNIT : mm)

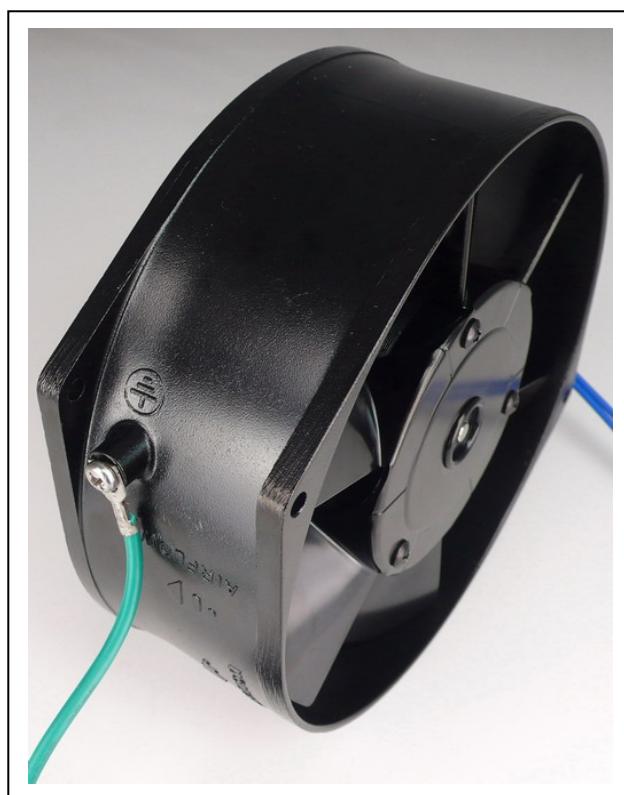


E. Airflow Performance



F. Ground Wire

1.1 M4xP0.7 for Ground wire



G. Notes:

- 1.1 Please do not touch and push Fan Blade with fingers or others, fan blade and bearings may be damaged and it causes noise defect.
- 1.2 Do not carry the fan by its lead wires.
- 1.3 Please don't install this fan in series with 2x voltage inputs. For example, if a single fan rated at 115VAC (12VDC), then don't install two of them in series with 230VAC (24VDC) input.
- 1.4 Fans are not suitable to be used in an environment that contains aggressive or corrosive fluids.
- 1.5 Always ensure that fan are stored according to the storage temperatures specified. Do not store in an environment with a high humidity level. If the fans were stored for longer than 6 months, it is highly recommended to apply functional testing before shipping.
- 1.6 During installation, caution should be taken when mounting the fan.
Incorrect mounting can cause excess resonance, vibration and noise.
- 1.7 During testing it is important to consider safety at all times. A suitable guard should be fitted to the fan to prevent personal injury.
- 1.8 Unless otherwise stated, all tests are carried out at relative temperature and humidity conditions of 25°C, 65%.