

# Specifications

## AC Axial Fan

Model : YWF4E-315B

Coding : E04050010

Version: V1.0

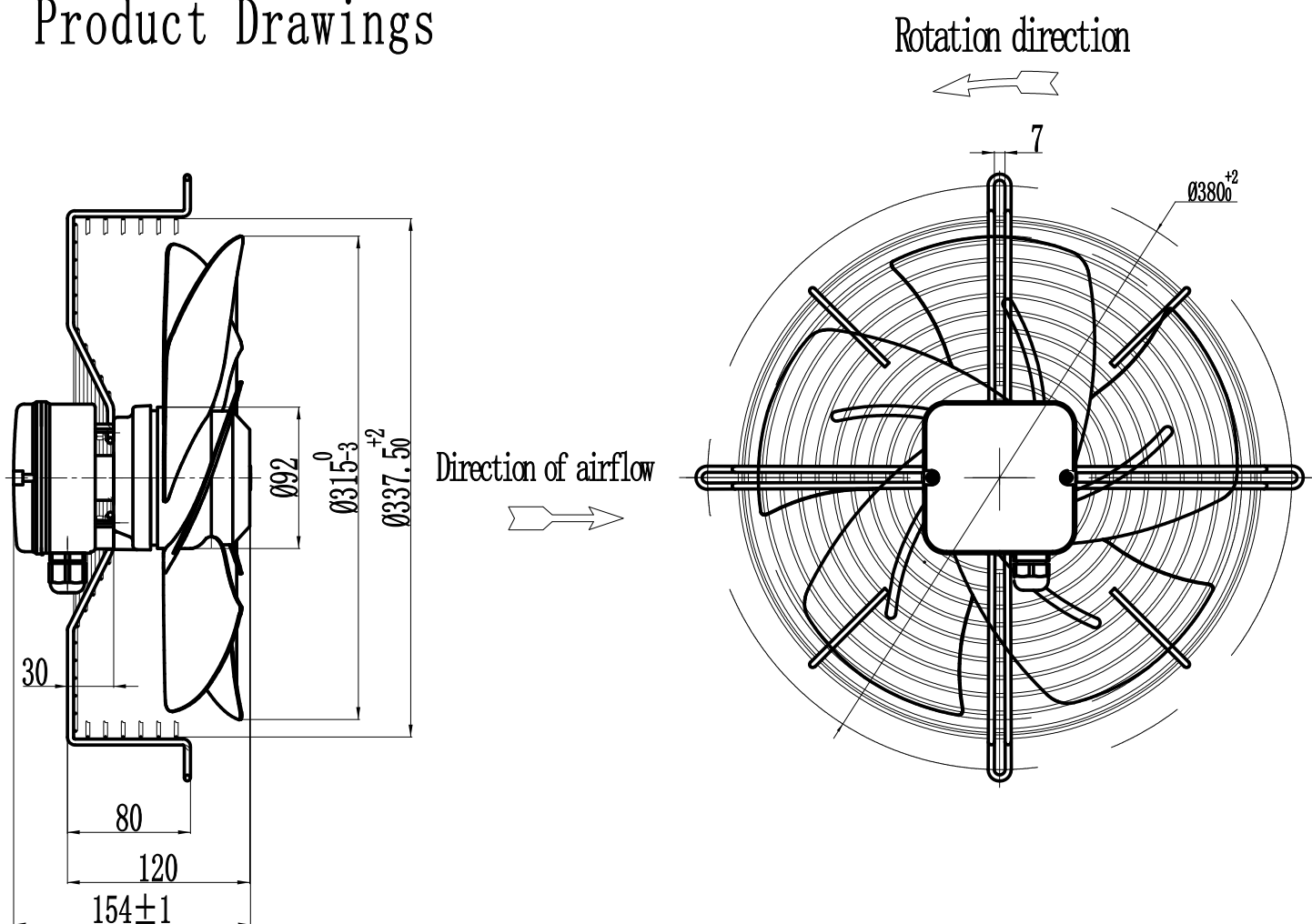
Date : 2022.01.13

| Version | Status    | Version update instructions | Date       | DRN BY   | CHK BY   |
|---------|-----------|-----------------------------|------------|----------|----------|
| V1.0    | Effective | Initial release             | 2022-01-13 | JX. Chen | XQ. Chen |
|         |           |                             |            |          |          |
|         |           |                             |            |          |          |
|         |           |                             |            |          |          |
|         |           |                             |            |          |          |

## Standards

- GB12350 《Safety Requirements of small Power motors》
- EN60335-1 《Safety Requirements of Household of Similar Electrical Appliances》
- The level of balance is in accordance with ISO 1940, G4.0
- Vibration testing and velocity is performed according to JB/T8689.
- This product is certified by China CCC and EU CE
- ISO 9001 quality system certification
- Standard of noise test:ISO 13347 《Determination of fan sound power levels under standardized laboratory conditions》
- The fan performance data is accurate and reliable, conforming to GB/T1236-2017 and 《Industrial fans-performance testing using standardize dairways》 in ISO5801-2007 standards.

## Product Drawings



## Technical Parameters

|                      |             |                           |
|----------------------|-------------|---------------------------|
| Power supply         | Phase       | 1                         |
| Frequency            | HZ          | 50                        |
| Wiring               | -           | -                         |
| Capacitance          | $\mu F$     | 2                         |
| Input Voltage        | V           | 220                       |
| Input Current        | A           | 0.3                       |
| Input Power          | W           | 60                        |
| Rated Speed          | r/min       | 1400                      |
| Fan Noise            | dB(A)       | 62                        |
| Fan Steering         |             | Clockwise(From the motor) |
| Fan Life             | h           | 40000                     |
| Fan Weight           | kg          | -                         |
| Protection Level     |             | IP54                      |
| Insulation Class     |             | F                         |
| Balance Level        |             | G4.0                      |
| Ambient Temperature  | $^{\circ}C$ | $-40^{\sim}+60$           |
| Environment Humidity |             | $\leq 90\%RH$             |
| Impeller Material    |             | Metal                     |
| Spray Color          |             | -                         |
| Operating Status     |             | S1                        |
| Allowable Pst        | Pa          | $\leq 65$                 |

## Label

AXIAL FAN

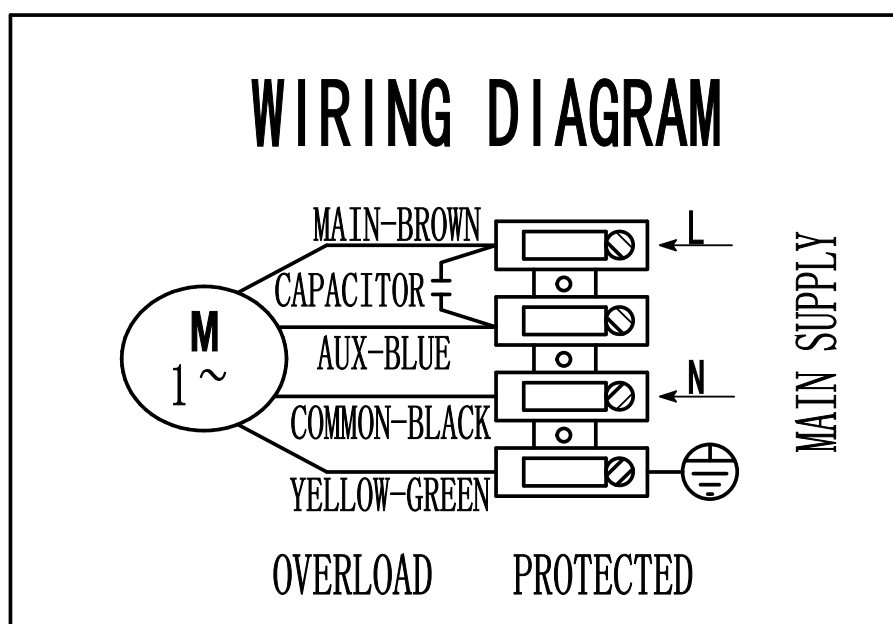
YWF4E-315B 220V/50HZ

0.30A 60W 2  $\mu$ F/450V

1400RPM CL.F

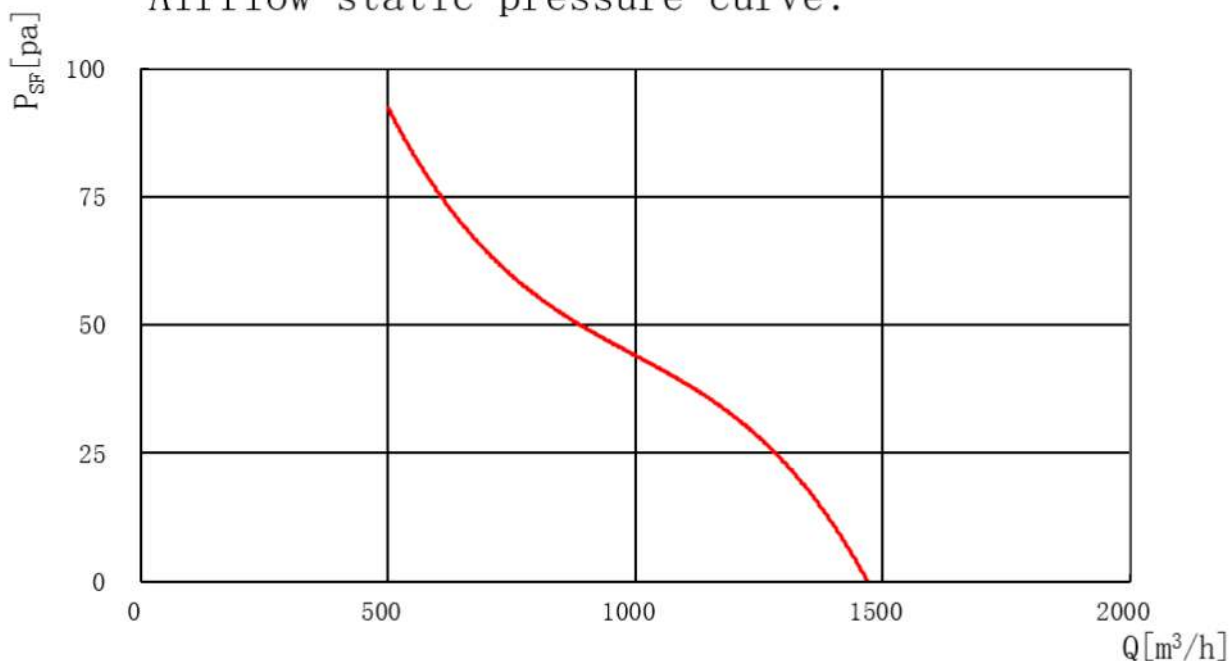


## Product wiring diagram



## Product Performance

Airflow-static pressure curve:



| St. P. | Air Flow | Speed | Voltage | Freq. | Current | Power |
|--------|----------|-------|---------|-------|---------|-------|
| Pa     | m3/h     | RPM   | V       | Hz    | Amp     | W     |
| 0      | 1475     | 1416  | 220     | 50    | 0.29    | 60    |
| 20     | 1300     | 1412  | 220     | 50    | 0.29    | 61    |
| 33     | 1201     | 1415  | 220     | 50    | 0.29    | 61    |
| 39     | 1099     | 1403  | 220     | 50    | 0.30    | 63    |
| 46     | 1001     | 1389  | 220     | 50    | 0.30    | 65    |
| 51     | 901      | 1380  | 220     | 50    | 0.31    | 66    |
| 53     | 800      | 1375  | 220     | 50    | 0.31    | 68    |
| 62     | 701      | 1372  | 220     | 50    | 0.31    | 70    |
| 78     | 601      | 1360  | 220     | 50    | 0.32    | 72    |
| 92     | 500      | 1350  | 220     | 50    | 0.34    | 78    |