VENTILATOR
bayoung

# Specifications

## AC Axial Fan

Model : YWF4E-450

Type : S-E5L

Coding : E04150267

Version: V1.0

Date : 2021.11.02

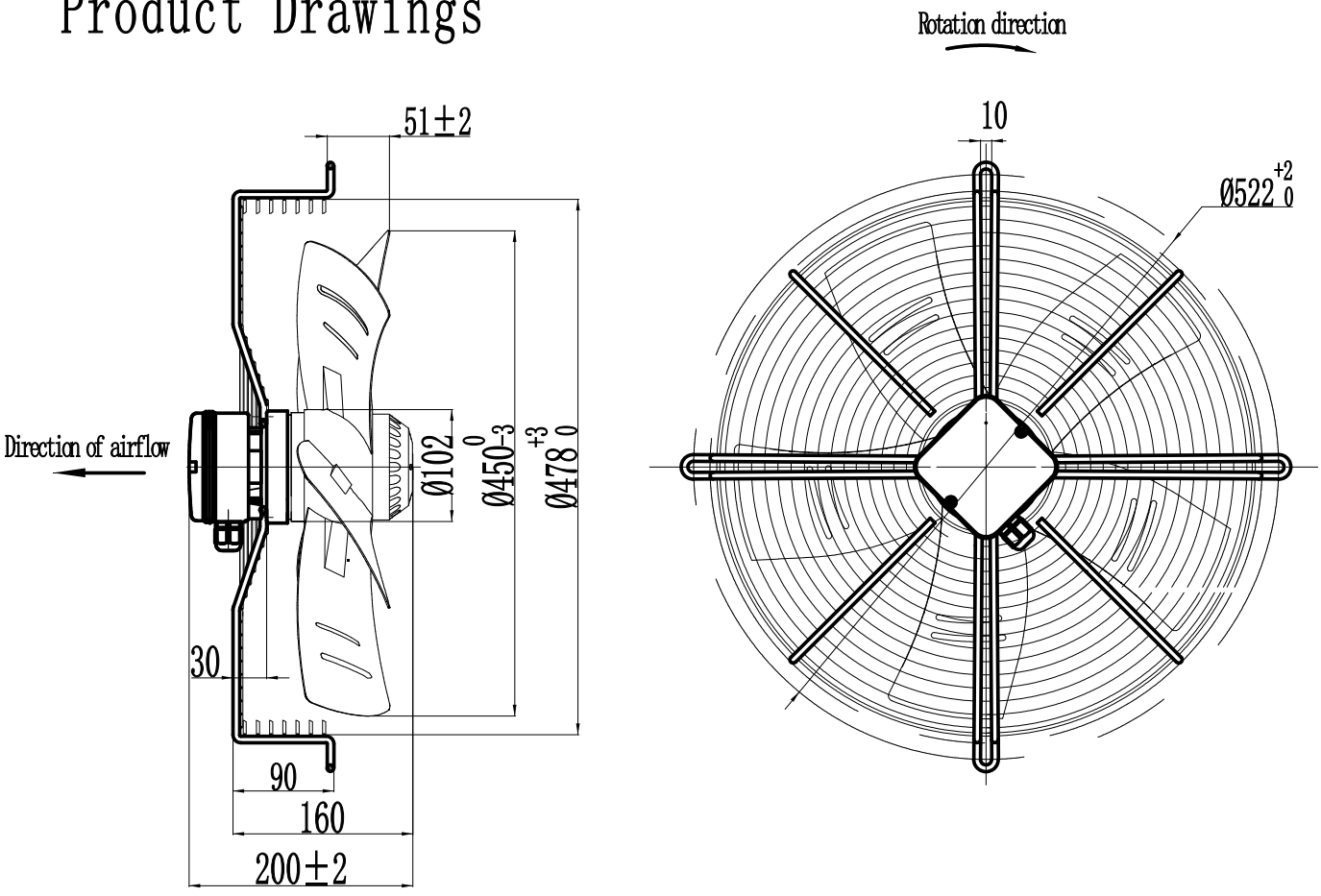
| Version | Status | Version update instructions | Date | DRN BY | CHK BY |
|---|---|---|---|---|---|
| V1.0 | Effective | Initial release | 2021-11-02 | JX.Chen | XQ.Chen |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

VENTILATOR

# Standards

- GB12350 *《Safety Requirments of small Power motors》*
- EN60335-1 *《Safety Requirments 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



VENTILATOR
bayoung

# Technical Parameters

| | | |
|---|---|---|
| Power supply | Phase | 1 |
| Frequency | HZ | 50 |
| Wiring | | - |
| Capacitance | μF | 8 |
| Input Voltage | V | 230 |
| Input Current | A | 1.15 |
| Input Power | W | 270 |
| Rated Speed | r/min | 1360 |
| Fan Noise | dB(A) | 70 |
| Fan Steering | | Counterclockwise(From the motor) |
| Fan Life | h | 40000 |
| Fan Weight | kg | 6.8 |
| Protection Level | | IP54 |
| Insulation Class | | F |
| Balance Level | | G4.0 |
| Ambient Temperature | ℃ | -40~+60 |
| Environment Humidity | | ≤90%RH |
| Impeller Material | | Metal |
| Spray Color | | - |
| Operating Status | | S1 |

VENTILATOR
bayoung

# Label

VENTILATOR
bayoung

External Rotor Axial Fan

CE

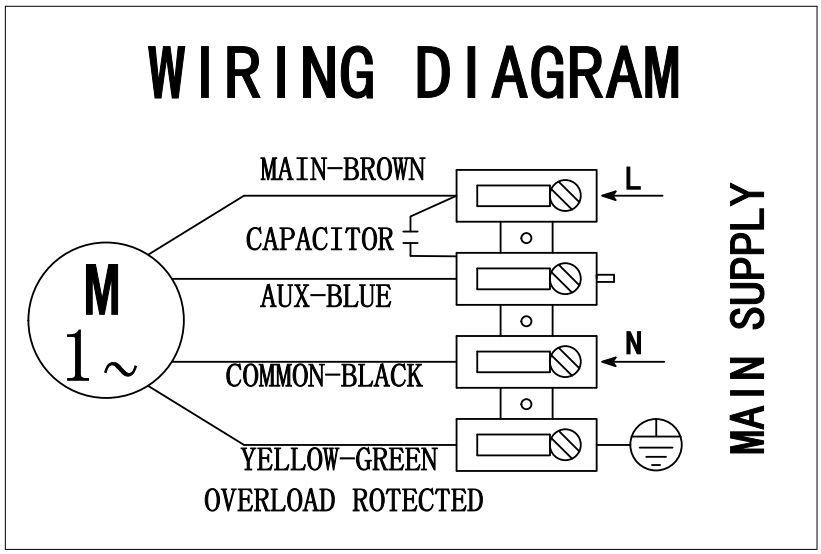
EAC

YWF4E-450 S-E5L E04150267

230V 50Hz 1.15A 270W 8μF/450V

1360r/min 4711m³/h 110Pa CL.F Date:2021.XX

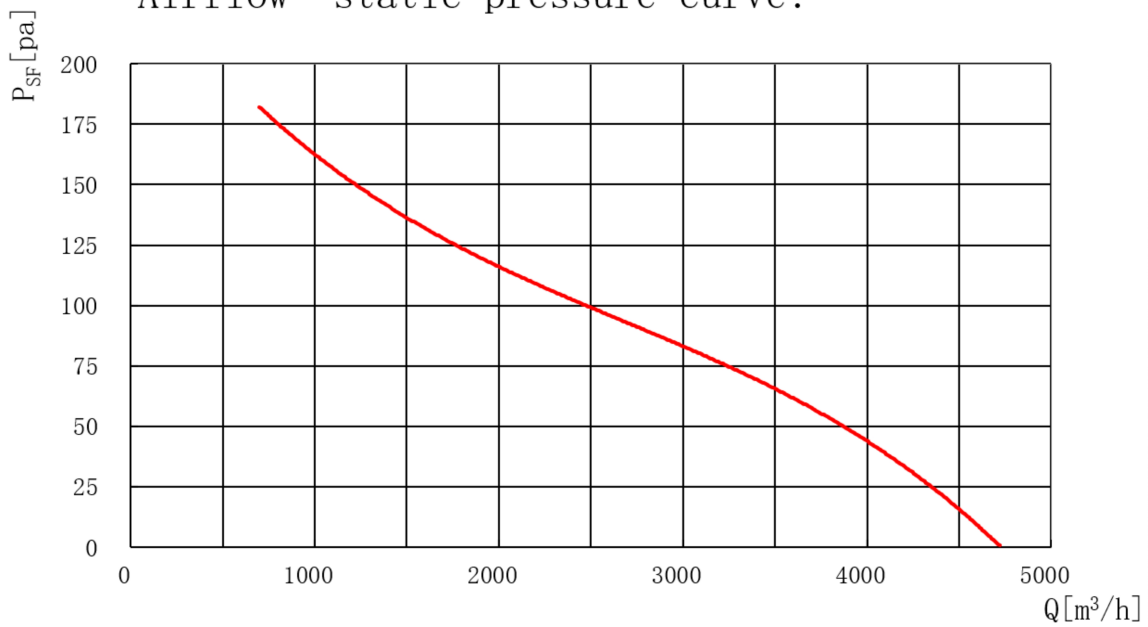
# Product wiring diagram



VENTILATOR
bayoung

# Product Performance

Airflow—static pressure curve:




| St.P. | Air Flow | Speed | Votage | Freq. | Current | Power |
|---|---|---|---|---|---|---|
| Pa | m3/h | RPM | V | Hz | Amp | W |
| 0 | 4719 | 1422 | 231 | 50 | 1.01 | 214 |
| 33 | 4208 | 1404 | 232 | 50 | 1.08 | 233 |
| 61 | 3711 | 1383 | 231 | 50 | 1.13 | 250 |
| 75 | 3201 | 1369 | 230 | 50 | 1.19 | 264 |
| 92 | 2700 | 1346 | 231 | 50 | 1.27 | 281 |
| 106 | 2196 | 1338 | 230 | 50 | 1.29 | 289 |
| 128 | 1698 | 1313 | 231 | 50 | 1.40 | 318 |
| 146 | 1385 | 1289 | 232 | 50 | 1.48 | 334 |
| 181 | 699 | 1203 | 231 | 50 | 1.70 | 385 |