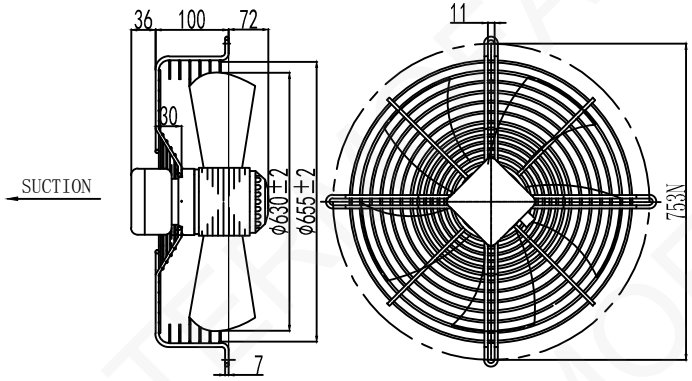
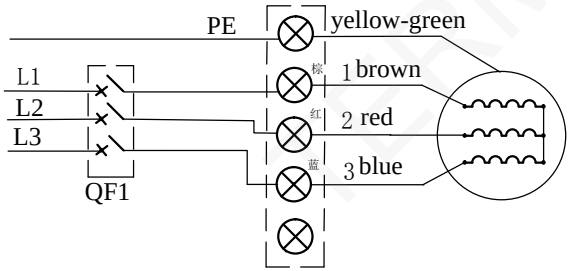
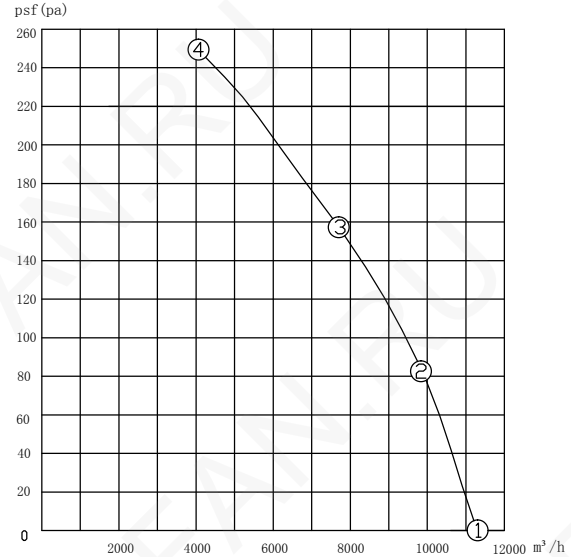



Wiring diagram:




PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

Performance parameters at key point:

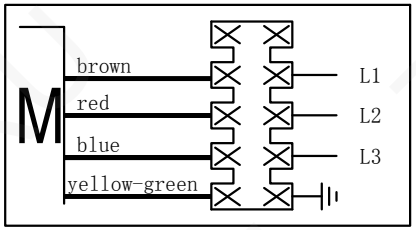
| | psf (pa) | I (A) | P1 (W) | n (r/min) | Q (m³/h) | Note |
|---|---|---|---|---|---|---|
| ① | 0 | 1.48 | 705 | 1414 | 11304 | |
| ② | 83 | 1.63 | 834 | 1395 | 9891 | |
| ③ | 155 | 1.75 | 937 | 1378 | 7804 | MAX EFF. |
| ④ | 249 | 1.98 | 1120 | 1346 | 4069 | IMAX |

| | |
|---|---|
| Product model | YSWF102L70P4-753N-630 S |
| product type | External rotor axial flow fan |
| customer | 俄罗斯 I.B. |
| Product number | MAER-1610179 |
| certification | CE、CCC |

## Condition of use:

1) voltage and frequency: 3 ～ 380 V ±5 % 50 Hz 。
2) Lead cable:Terminal block, the recommended standard of lead wire is not less than 0.75mm².
3) Installation position: vertical or upward.
4) ambient temperature:-40～70℃。

The external wiring diagram:




## Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: 1400±10%r/min high than G6.3,vibration value is less than 5.4mm/s.
7. MAER box.

Test data at free :

| connection | UAC (V)±5% | f (Hz) | P1 (W) ±10% | I (A)±10% | n (r/min) ±10% | Noise dB(A) |
|---|---|---|---|---|---|---|
| | 3~380 | 50 | 770 | 1.65 | 1400 | 77 |
| | | | | | | |

Nameplate:

YSWF102L70P4-753N-630 S 3～380V/50Hz
937W 1.75A 1378r/min @ 155Pa
ηsf=35.84% N=42.2 CL.F IP54 2019/07

| | The signature | (date) (month) (year) |
|---|---|---|
| state: Deliver before | | |
| state: After the modification | | |
| drawing | | |
| audit | | |
| approval | | |

ZHEJIANG MAER FAN MOTOR CO., LTD.

Product Specification