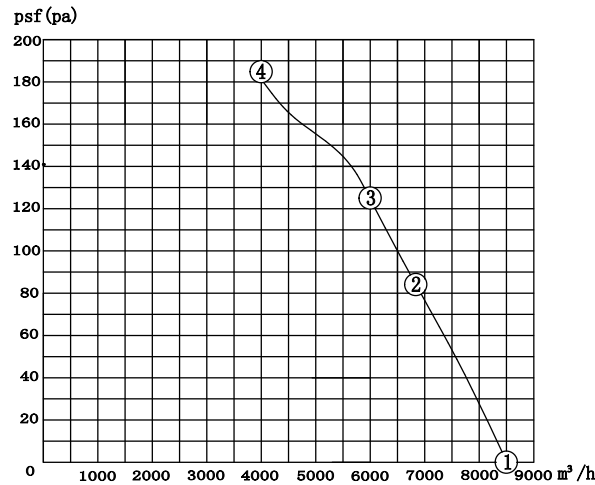
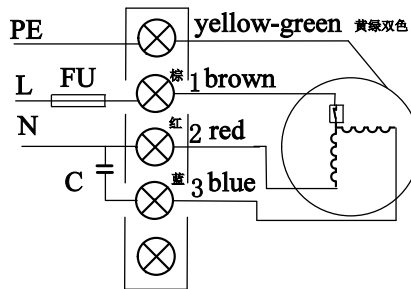


Wiring diagram:



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

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	2.25	493	1407	8509	
②	83	2.75	606	1374	6935	
③	126	2.90	639	1361	5964	MAX EFF.
④	199	3.45	758	1312	3401	IMAX

Test data at free :

connection	UAC (V) ±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	560	2.58	1400	74

Nameplate:

	YDWF102L50P4-625N-550 S 1~220V/50Hz 16 μF/450V
	639W 2.90A 1361r/min @ 126Pa
	η sf=32.8% N=40.2 CL.F IP54 2021/05

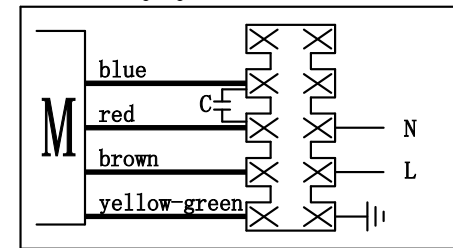


Product model	YDWF102L50P4-625N-550 S
product type	External rotor axial flow fan
customer code	
Product number	KH0000044
certification	CE,CCC

### Condition of use:

- 1) voltage and frequency: 1 ~ 220 V ± 5 % , 50 Hz .
- 2) Lead cable: Terminal block, the recommended standard of lead wire is not less than 0.75 mm² .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40~70°C.

The external wiring diagram:



Mark:

	Single-Phase Asynchronous External Rotor Motor for Fan
Type	: YDWF102L50P4-625N-550 SUCTION
V/F	: 220V/50Hz
NW/GW	: / KG
QTY	: 1PCS
Meas	: 60.5X60.5X24 CM
Date	:
Order	:
RPM	: 1361 rpm Made in CHINA

### 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 1500Vmin, 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 5.4 mm/s.
7. 560 concave net cover N100.
8. Customers require trademark and shipping mark.
9. TPI bearing.
10. External thermal protector.

版本/Ver.	Page 1			浙江马尔风机有限公司
重量/WG.	Kg	签名/Name	日期/Date	Maer Motor ZHEJIANG MAER FAN MOTOR CO.,LTD.
绘图/Drawing				产品规格书
审核/Checked				Product Specification
批准/Approved				型号/Model
客户确认/Customer confirmation				品号/P/N