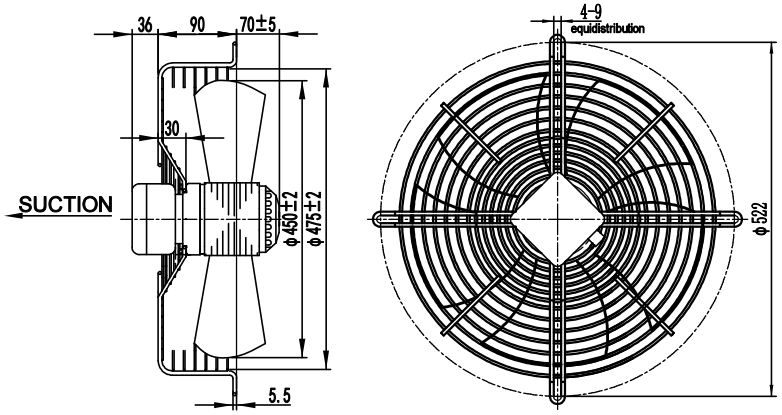
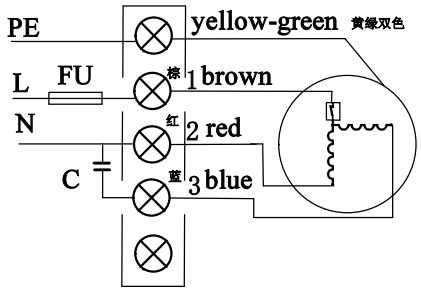
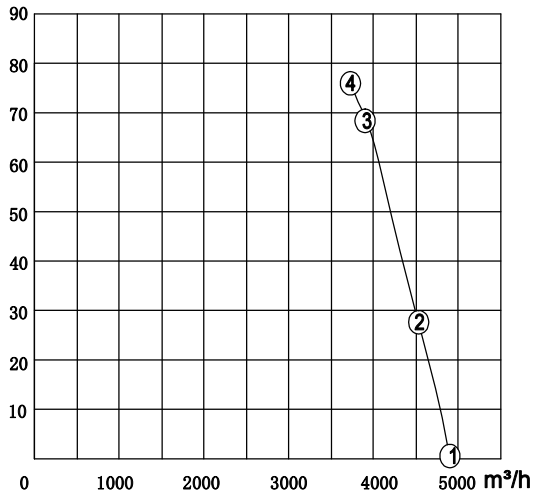


Wiring diagram:



psf(pa)



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

Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.93	204	1394	4900	
②	27	1.01	222	1374	4534	
③	68	1.13	249	1339	3993	MAX EFF.
④	74	1.17	257	1324	3719	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	240	1.08	1380	69

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, 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:1380±10%r/min high than G6.3,vibration value is less than 5.4mm/s.
7.Built in thermal protector.
8.450 concave net cover N90.
9.With Terminal block.Cassette foam.
10.With"EAC" English trademark,With"EAC" English mark1 and mark2 .
11.With TPI bearing.

Nameplate:

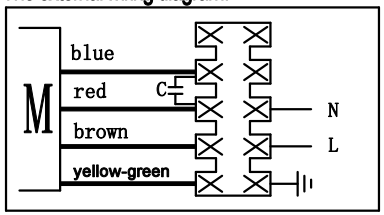
YDWF74L60P4-522N-450 S 8μF/450V
1~220V/50Hz 249W 1.13A 1339r/min @ 68Pa
ηsf=30.47% N=40.5 CL.F IP54 2024/11 EAC

MAER	
型号 MODEL	YDWF74L60P4-522N-450 S
品号 ITEM NO	
客户代号CUSTOMER CODE	
产品类型PRODUCT TYPE	External rotor axial flow fan
产品认证APPROVALS	CE、CQC

Condition of use:

1）voltage and frequency：1～ 220 V± 5 %， 50 Hz.
2）Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
3）Installation position: vertical or upward.
4) ambient temperature:-40～70℃.

The external wiring diagram:



Mark 1(主唛)

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL:YDWF74L60P4-522N-450 SUCTION
VOLTAGE:1～220V/50HZ
N.W/G.W. / KG
MEAS:50X50X21 CM
CL.F WITH TERMINAL BOX
EAC
xxxxxxxx

Mark 2(副唛)

Вентилятор
Модель: YDWF74L60P4-522N-450 S
Изготовитель: Zhe Jiang MaEr Fan Motor CO.,LTD.
Адрес: NO.333 CHUANGYE ROAD,CHANGAN TOWN,HAINING CITY,ZHEJIANG,CHINA
Товарный знак: MAER
Сделано: KHP
Произведено: 2024
EAC

版本/Ver.		Page 1		
重量/WG.	Kg	签名/Name	日期/Date	
绘图/Drawing				
审核/Checked				
批准/Approved				
客户确认/Customer confirmation				

浙江马尔风机有限公司
MaEr Fan Motor ZHEJIANG MAER FAN MOTOR CO.,LTD.
产品规格书
Product Specification

型号/Model	YDWF74L60P4-522N-450 S
品号 P/N	