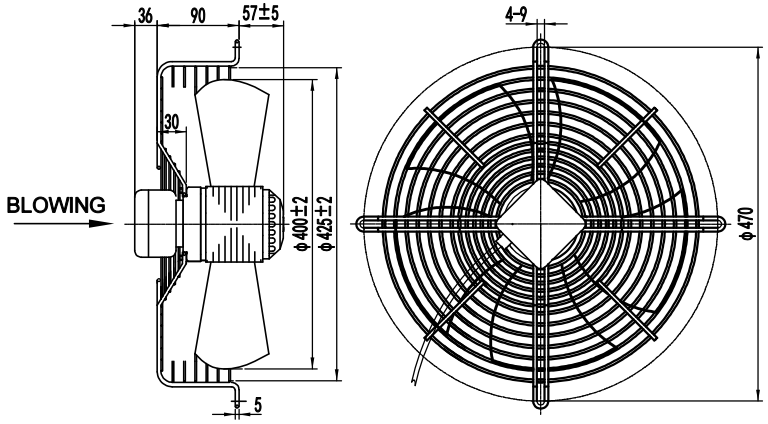
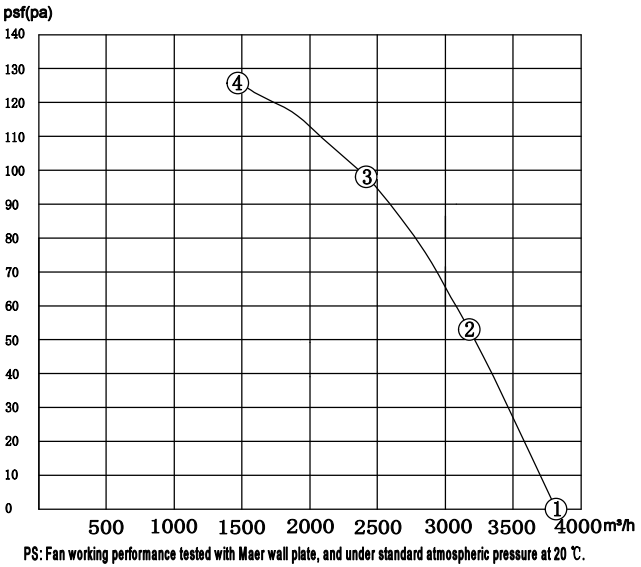
MAER	型号 MODEL	YDWF74L47P4-470N-400 B
	品号 ITEM NO	
	客户代号CUSTOMER CODE	
	产品类型PRODUCT TYPE	External rotor axial flow fan
	产品认证APPROVALS	CE、CQC



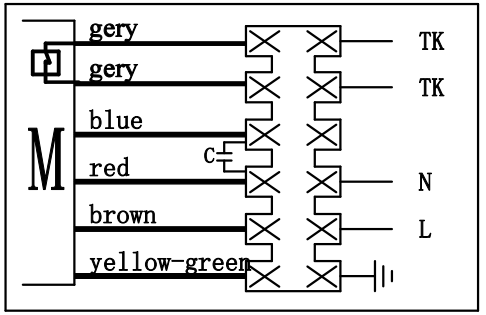


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

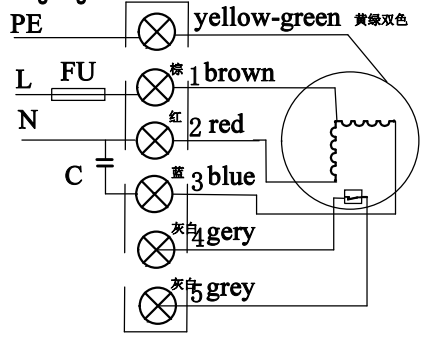
Condition of use:

1）voltage and frequency：1～ 220V±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:-40～75℃。

The external wiring diagram:



Wiring diagram:



Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.77	167	1413	3727	
②	53	0.87	191	1386	3207	
③	99	1.00	219	1352	2417	MAX EFF.
④	123	1.05	231	1333	1590	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	185	0.85	1400	68

Mark

MAER MOTORS & FANS AXIAL FAN MOTOR

MODEL:YDWF74L47P4-470N-400 BLOWING

VOLTAGE:1~220V/50Hz

N.W/G.W. / KG

MEAS:45X45X20 CM

CL.F WITH TERMINAL BOX

xxxxxxxx

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 5.4mm/s.
7.400 concave net cover N90.
8.External thermal protector.
9.With Terminal block.Cassette foam.
10.TPI bearing.

Nameplate:

YDWF74L47P4-470N-400 B 1~220V/50Hz 6μF/450V
219W 1.00A 1352r/min @ 99Pa
ηsf=30.34% N=40.8 CL.F IP54 2023/03

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	YDWF74L47P4-470N-400 B
品号 P/N	