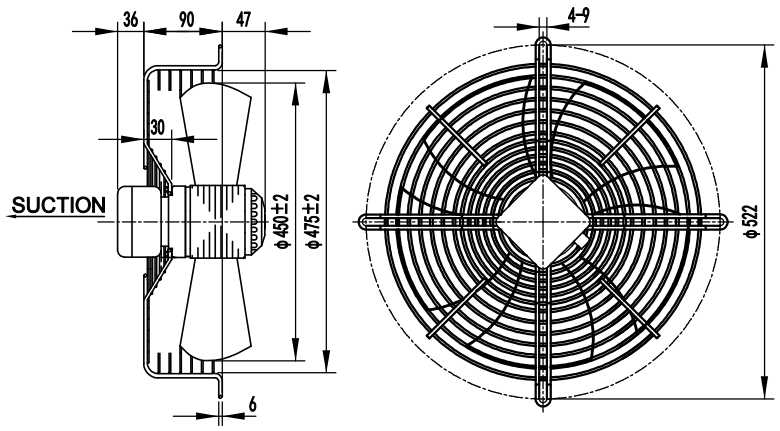
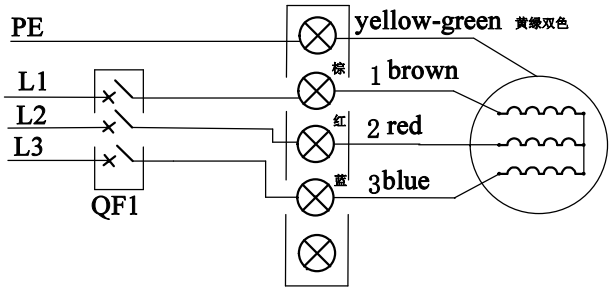
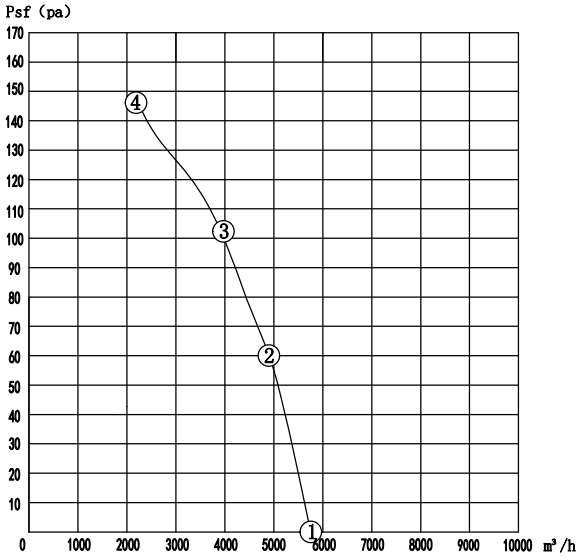


Wiring diagram:





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	0.70	309	1400	5759	
②	60	0.75	356	1381	4902	
③	103	0.78	391	1365	3972	MAX EFF.
④	144	0.85	451	1336	2276	IMAX

Test data at free :

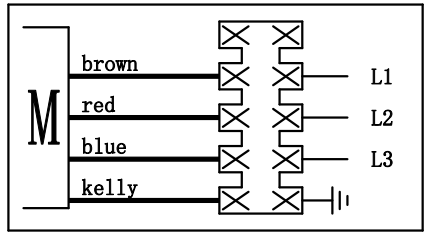
connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A)±10%	n (r/min) ±10%	Noise dB(A)
	3~380	50	380	0.85	1400	70

Product model	YSWF102L35P4-522N-450 S
product type	External rotor axial flow fan
customer code	/
Product number	/
certification	CE,CCC

Condition of use:

1）voltage and frequency：3～ 380 V±5 %， 50 Hz。
2）Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.75 mm².
3）Installation position: vertical or upward.
4) ambient temperature:-40～85℃。

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.
7.450 concave net cover N90T12.
8.MaEr English trademark and marks.
9.With Terminal block.Cassette foam.
10.TPI bearing.

Nameplate:

YSWF102L35P4-522N-450 S 3~380V/50Hz
391W 0.78A 1365r/min @ 103Pa
η sf=29.12% N=40 CL.F IP54 2022/09
CE

MARK

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL:YSWF102L35P4-522N-450 SUCTION
VOLTAGE:3~380V/50Hz
N.W/G.W.
MEAS:50x50x21 CM
CL.F WITH TERMINAL BOX
CE
XXXXXXXX

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	YSWF102L35P4-522N-450 S
品号 P/N	