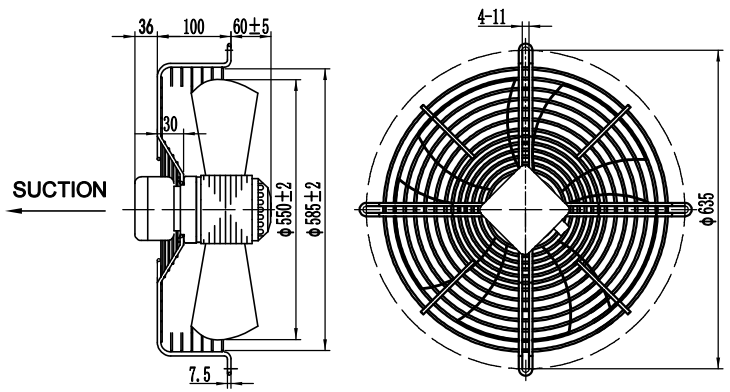
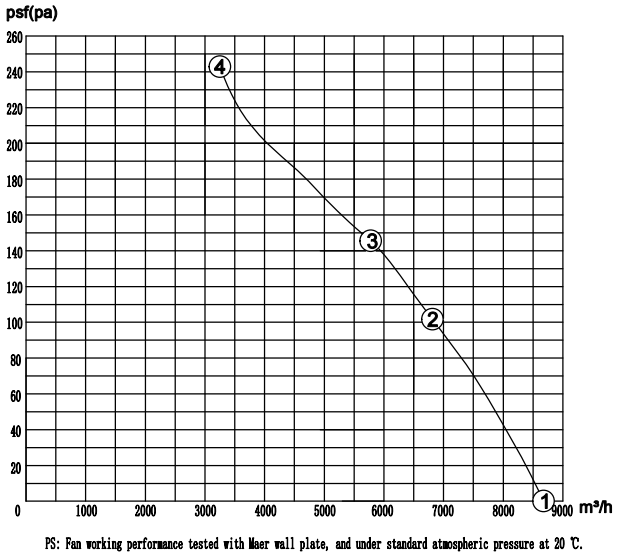
MAER	型号 MODEL	YSWF102L50P4-635N-550 S
	品号 ITEM NO	
	客户代号CUSTOMER CODE	/
	产品类型PRODUCT TYPE	External rotor axial flow fan
	产品认证APPROVALS	CE、CQC



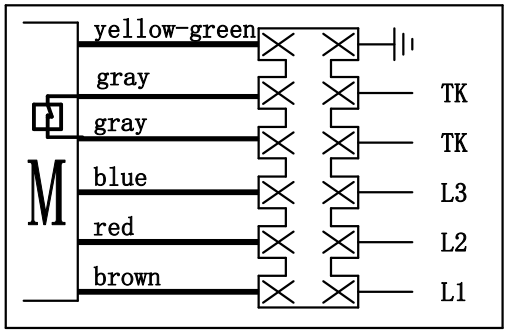


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

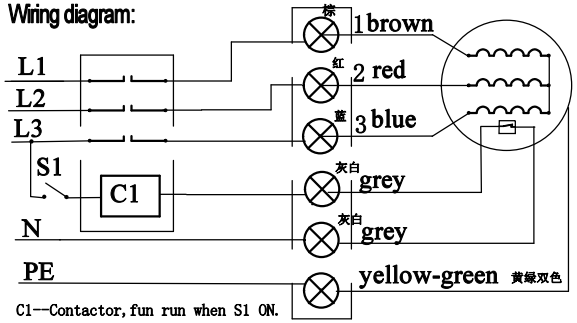
Condition of use:

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 0.75 mm².
3）Installation position: vertical or upward.
4) ambient temperature:-40～70℃。

The external wiring diagram:



Wiring diagram:



C1—Contactor, fun run when S1 ON.

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:1410±10%r/min high than G6.3,vibration value is less than 5.4mm/s.
7.560 concave net cover N100.
8.External thermal protector.
9.With Terminal block.Cassette foam.
10.TPI bearing.

Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.13	524	1411	8575	
②	104	1.25	641	1387	6756	
③	145	1.27	670	1377	5895	MAX EFF.
④	242	1.49	815	1355	3252	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	550	1.24	1410	74

Mark:

MAER MOTORS & FANS AXIAL FAN MOTOR

MODEL:YSWF102L50P4-635N-550 SUCTION

VOLTAGE:3~380V/50Hz

N.W/G.W. / KG

MEAS:60.5X60.5X22 CM

CL.F WITH TERMINAL BOX

XXXXXXXX

Nameplate:

YSWF102L50P4-635N-550 S 3~380V/50Hz
670W 1.27A 1377r/min @ 145Pa
η sf=35.4% N=42.7 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	YSWF102L50P4-635N-550 S
品号 P/N	