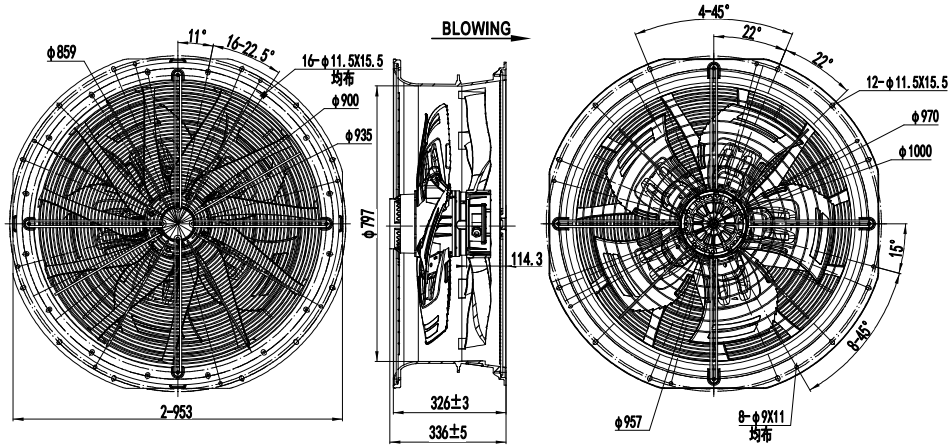
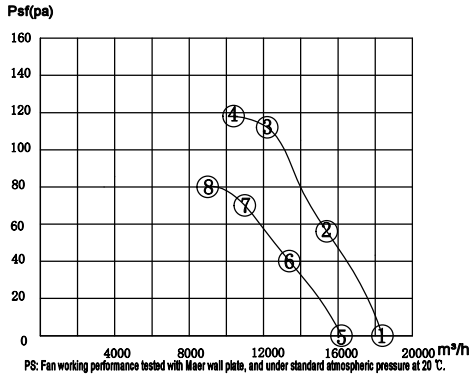
MAER	型号 MODEL	YSWF138L100P8-970G-800PA B
	品号 ITEM NO	
	客户代号CUSTOMER CODE	
	产品类型PRODUCT TYPE	External rotor axial flow fan
	产品认证APPROVALS	CE、CQC



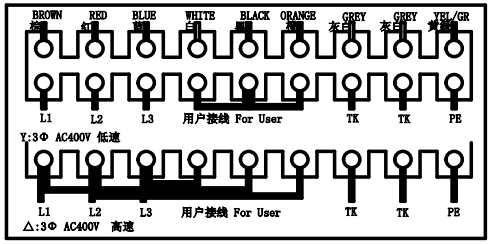


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

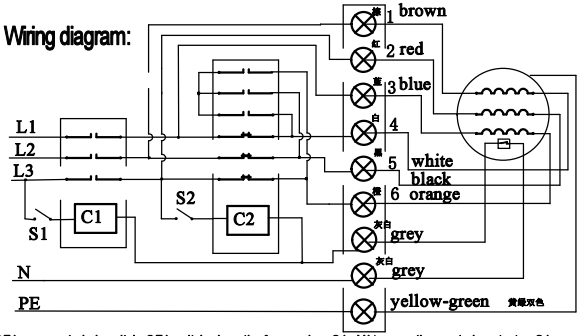
Condition of use:

1）voltage and frequency：△/Y 3 ～ 400 V± 5 % 50 Hz 。
2）Lead cable:with the junction box,the recommended standard of lead wire is not less than 1.0 mm².
3）Installation position: vertical install or end cover upward.
4) ambient temperature:-40～75℃。

The external wiring diagram:



Wiring diagram:



QF1 - run control air switch, QF1 switched on, the fan running. C1 - Y/△ operation control contactor, S1 disconnect, △ connection; S1 connected, Y connection.

Performance parameters at key point:

△	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	2.55	804	711	18500	
②	56	2.60	935	703	15389	
③	112	2.69	1043	696	12109	MAX EFF.
④	118	2.68	1036	696	10383	IMAX
⑤	0	1.13	604	633	16247	
⑥	40	1.24	681	611	13382	
⑦	70	1.33	734	598	10990	MAX EFF.
⑧	80	1.34	742	593	9014	IMAX

Mark

MAER MOTORS & FANS AXIAL FAN MOTOR

MODEL:YSWF138L100P8-970G-800PA BLOWING
VOLTAGE:3～400V/50Hz
N.W/G.W: / KG
MEAS:97X97X35 CM
CL.F:WITH TERMINAL BOX

CE

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 GB12350-2000, the electrical strength is 1800V.S, and the insulation resistance is not less than 100M at room temperature.
4.Motor insulation class, F CLASS.
5.Motor protection level, IP54, fan protection level, IP2X.
6.The fan balance level is:706±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7.Plastic fan blade.The rotor assembly does not need electrophoretic spraying /转子组件使用原色(不电泳喷塑）.
8.With 800 air duct(CZ800S-402-009). 800 Plastic wind blade. With 800 winder flat screen G(EC).With 800 winder flat screen GT3.
9.External heat protection.
10.With Terminal block.Cassette foam.
11.With TPI bearing.

Test data at free ：

connection	UAC (V) ±10%	F (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
△	3～400	50	890	2.57	706	76
Y	3～400	50	639	1.18	620	72

Nameplate:

YSWF138L100P8-970G-800PA B 3～400V/50Hz
△ 1043W 2.69A 696r/min @112Pa
Y 734W 1.33A 598r/min @70Pa
CL.F IP54 2023/05
CE

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	YSWF138L100P8-970G-800PA B
品号 P/N	