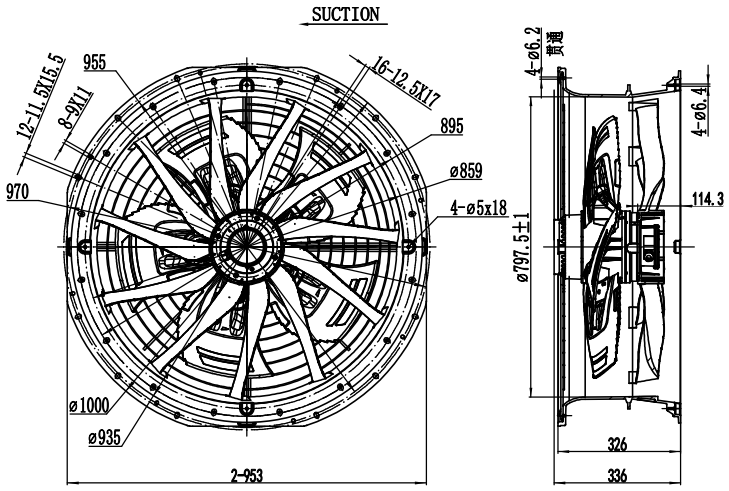
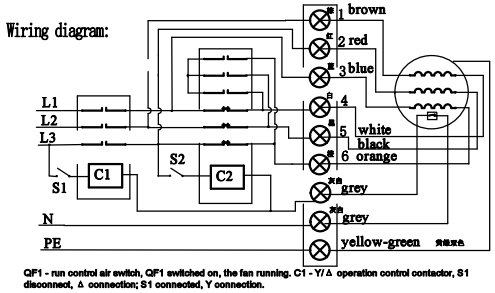
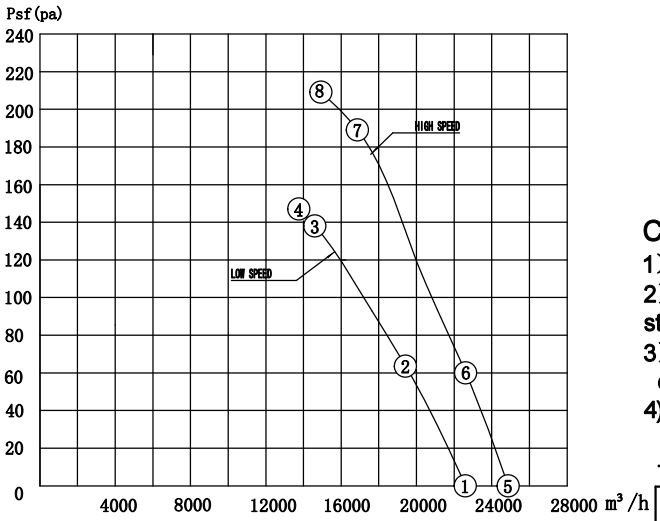




QF1 - run control air switch, QF1 switched on, the fan running. C1 - Y/Δ operation control contactor, S1 disconnect, Δ connection; S1 connected, Y connection.

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:924±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7.Plastic fan blade.
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.



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

Performance parameters at key point:

Y	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	2.24	1329	862	22594	
②	63.6	2.51	1507	837	19425	
③	138	2.78	1684	807	14615	MAX EFF.
④	147	2.83	1713	803	13755	IMAX
△						
⑤	0	4.20	1716	951	24878	
⑥	60	4.30	1852	949	22621	
⑦	189	4.62	2179	934	16873	MAX EFF.
⑧	209	4.67	2227	932	14926	IMAX

Test data at free :

connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A)±10%	n (r/min) ±10%	Noise dB(A)
Y	3~400	50	1462	2.44	845	72
△	3~400	50	1852	4.30	949	76

Nameplate:

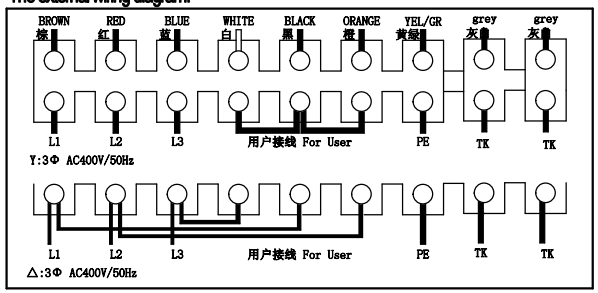
YSWF138L118P6-970G-800PA S 3~400V/50Hz
Y 1684W 2.78A 807r/min @138Pa
△ 2179W 4.62A 934r/min @189Pa
CL.F IP54 2022/08

Product model	YSWF138L118P6-970G-800PA S
product type	External rotor axial flow fan
customer code	/
Product number	/
certification	CE

Condition of use:

1）voltage and frequency：3～400V±5%50Hz 。
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:-40～65℃。

The external wiring diagram:



Mark

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL:YSWF138L118P6-970G-800PA suction
VOLTAGE:△/Y3～400V/50Hz
N.W/G.W: / KG
MEAS:97X97X35 CM
CL.F:WITH TERMINAL BOX
XXXXXXXX

版本/Ver.		Page		
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	YSWF138L118P6-970G-800PA S
品号 P/N	