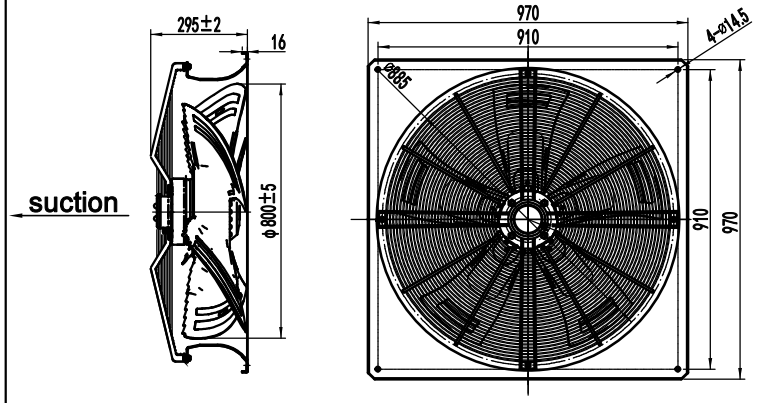
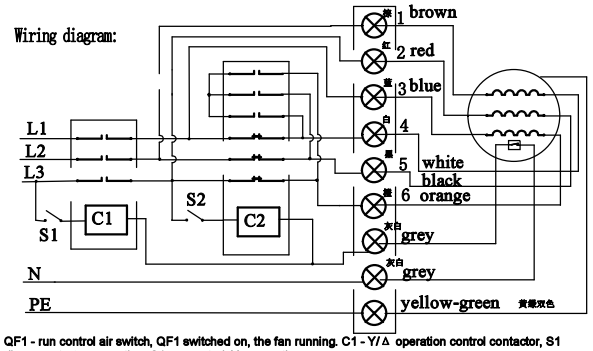
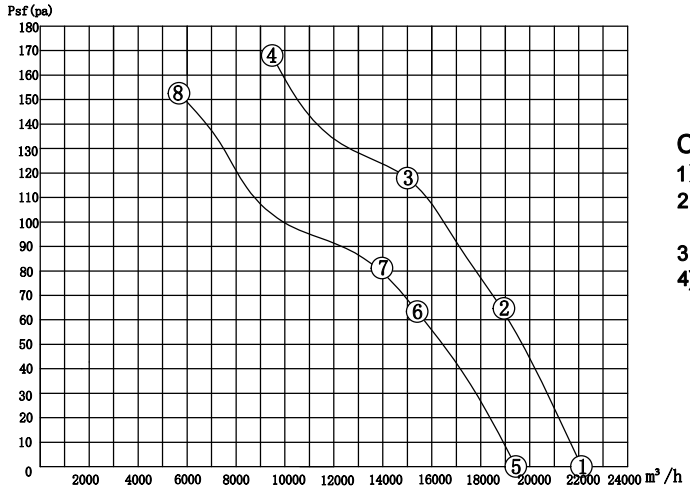
MAER	Product model	YSWF138L100P6-910H-800 S
	product type	External rotor axial flow fan
	Custome Code	/
	Product number	/
	certification	CE





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

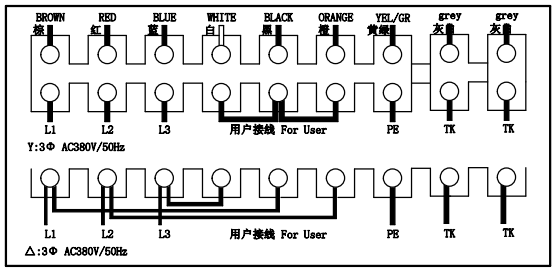


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

Condition of use:Condition of use:

1）voltage and frequency：△Y3～380 V ±10 % 50 Hz 。
2）Lead cable:Terminal block, the recommended standard of lead wire is not less than 1.0 mm².
3）Installation position: vertical or upward.
4) ambient temperature:-40～65℃。

The external wiring diagram:



Mark

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL: YSWF138L100P6-910H-800 SUCTION
VOLTAGE: △Y3～380V/50Hz
N. W/G. W. / KG
MEAS: 99X99X31 CM
CL. F WITH TERMINAL BOX
XXXXXXX

Performance parameters at key point:

△	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	3.88	1598	940	22119	
②	65	4.05	1768	932	18796	
③	119	4.21	1923	925	14901	MAX EFF.
④	167	4.34	2033	919	9525	IMAX
Y						
⑤	0	1.98	1212	824	19440	
⑥	64	2.23	1361	791	15257	
⑦	81	2.32	1418	780	13784	MAX EFF.
⑧	153	2.74	1665	720	5673	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	1716	3.31	920	76
Y	3~380	50	1407	2.30	803	71

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:920±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7.Plastic fan blade.With 800 flanging wind guide coil net cover(M138), 800 flanging wind guide ring.
8.External thermal protector.
9.With Terminal block. Cassette foam.
10.English trademark.
11.TPI bearing.

Nameplate:

YSWF138L100P6-910H-800 S 3～380V/50Hz
△: 1923W 4.21A 925r/min @ 119Pa
Y: 1418W 2.32A 780r/min @ 81Pa
CL.F IP54 2022/09

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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 YSWF138L100P6-910H-800 S
品号 P/N