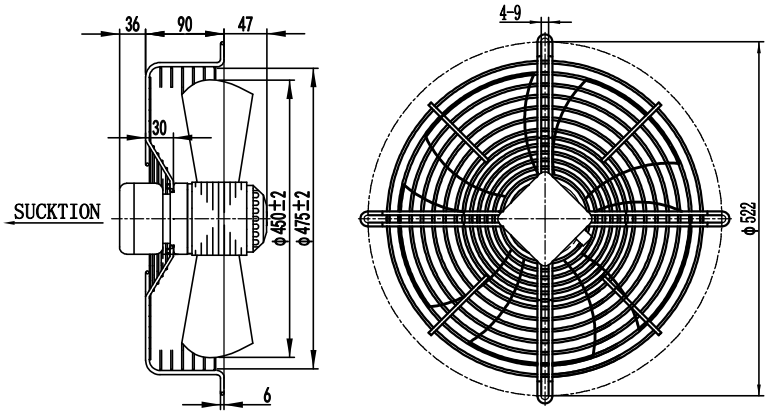
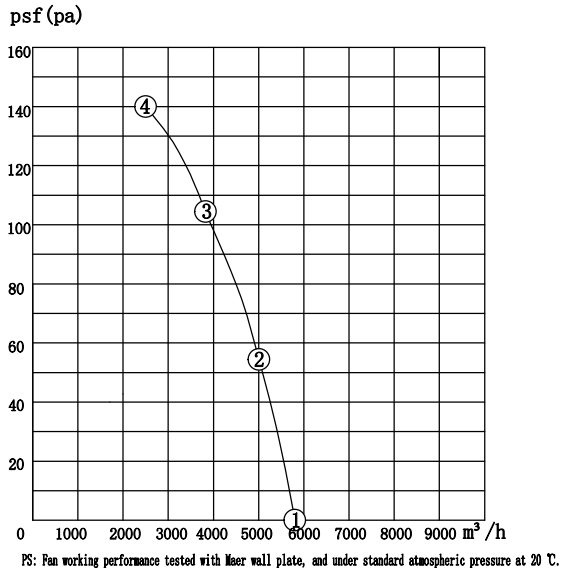
MAER	Product model	YDWF102L35P4-522N-450 S
	product type	External rotor axial flow fan
	customer code	/
	Product number	/
	certification	CE,CCC



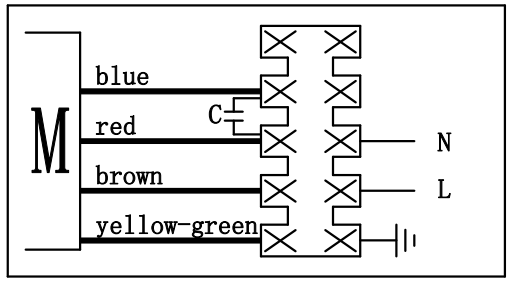


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

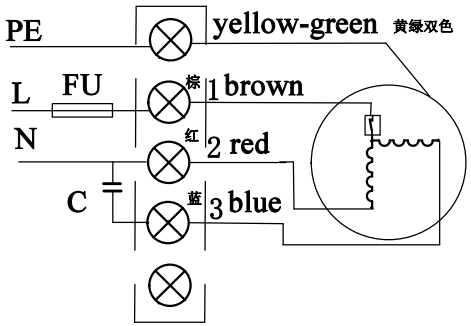
Condition of use:

1）voltage and frequency：1～ 220 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:-40～80℃。

The external wiring diagram:



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 mesh cover N90T12
8.Built in thermal protector.
9.WITH TERMINAL BOX,Cassette foam.
10.MaEr English trademark and marks.
11.With TPI bearing.

Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.41	320	1402	5820	
②	55	1.61	368	1380	5004	
③	113	1.81	415	1354	3590	MAX EFF.
④	140	1.95	447	1335	2549	IMAX

Test data at free：

connection	UAC (V) ±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	380	1.7	1400	71

Mark

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL:YDWF102L35P4-522N-450 SUNTION
VOLTAGE:1~220V/50HZ
N.W/G.W. KG
MEAS:50 X 50 X 21 CM
CL.F WITH TERMINAL BOX

YDWF102L35P4-522N-450 S 10μF/450V
1~220V/50Hz 415W 1.81A 1354r/min @ 113Pa
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	YDWF102L35P4-522N-450 S
品号 P/N	