



## • ED2890M Series.

**DC Brushless fan.**

**Size: 280 x 280 x 88.9 mm**

**11 x 3.5 inches**

**Airflow: Max. 1180 CFM / 30 m3/min**

**Metal Frame / Metal Impeller**

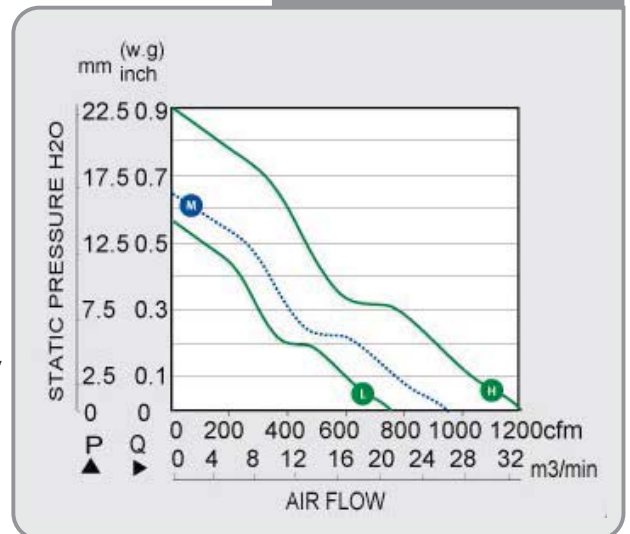
Model No.	Rated Voltage	Voltage Range	Input Power	Rated Current	Ref Speed	Max. Airflow		Max. Static Pressure		Noise Level	PQ Curves
	VDC	VDC	Watt	Amp	RPM	CFM	m3/min	Inch/H2O	mm/H2O	dB (A)	
ED2890M -12M**	12	9~13.5	90	7.5	2100	1011	28.6	0.63	16	55	M
ED2890M -12L**	12	9~13.5	50	4.2	1800	867	24.6	0.55	13.97	48	L
ED2890M -24H**	24	18~27.6	104.4	4.35	2450	1180	33.4	0.90	22.86	72	H
ED2890M -24M**	24	18~27.6	58.8	2.45	2200	1060	30	0.65	16.51	56	M
ED2890M -24L**	24	18~27.6	26.4(~52.8)	1.1(~2.2)	1800	867	24.6	0.55	13.97	48	L
ED2890M -48H**	48	24~55	105.6	2.2	2450	1180	33.4	0.90	22.86	72	H
ED2890M -48M**	48	24~55	57.6	1.2	2200	1160	30	0.65	16.51	56	M
ED2890M -48L**	48	24~55	26.4	0.55	1500	772	20.4	0.50	12.7	48	L

\*\* = "BL" for Ball bearing wire lead type, or "BT" for Ball bearing terminal type.

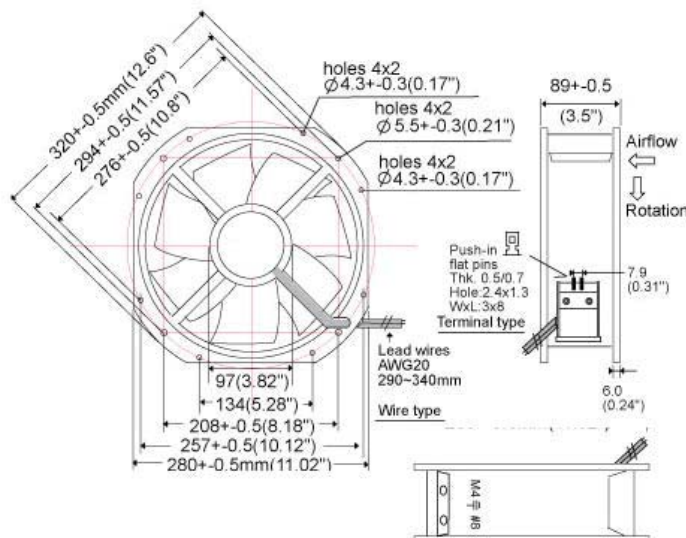
We Reserve the right to change data and improve electrical & mechanical design without notice, data tolerance +/- 10%

Motor Type:	Microprocessor brushless DC Motor, auto cutoff, auto restart
Burnout Protection:	Electronically protected, polarity protected
IP Protection:	IP55 , 56 Optional request
<b>Mechanical</b>	
Frame:	Aluminum die cast, Natural coating treatment
Impeller:	7 blades, all metal
Bearing:	Two ball bearings
Rotation:	CCW at left (L) seen on rotor
Connection:	Wire lead or terminal flat pin connecting
Weight:	2950 g (6.5 Lbs)
<b>Electronical</b>	
Dielectric Strength:	500 VAC/min. Max leakage 500mA
Speed Control:	Optional:PWM, S/C NTC thermister,0~10V control voltage S/V
Signal Output:	Optional:R/D alarm output, tachometer output F/G
<b>Environment</b>	
Operating Temp:	-20°C~+65°C
Storage Temp:	-20°C~+75°C (at 65%RH)
Life Expectancy:	L10 50K hours at 65°C

### ▶ Performance P-Q Curves.



### ▶ Outline Dimensions.



### Fan Accessories

