



• ED19069 Series.

DC Brushless Centrifugal fan / Motorized impeller.

Size: Ø 190 x 69 mm

Ø 7.5 x 2.7 inches

Airflow: Max. 432 CFM / 12.2 m³/min

Aluminum die cast motor frame / Plastic Backward Curved 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	m ³ /min	Inch/H ₂ O	mm/H ₂ O	dB (A)	
ED19069-24H**	24	16~28	108	4.5	3200	395	11.2	1.97	50.04	70	1
ED19069-24M**	24	16~28	64.8	2.7	2500	310	8.8	1.53	38.86	59	2
ED19069-24L**	24	16~28	52.8	2.2	2000	250	7.1	1.23	31.24	47	3
ED19069-48H**	48	36~56	122.4	2.55	3500	432	12.2	2.0	50.8	76	4
ED19069-48M**	48	36~56	76.8	1.6	2800	345	9.8	1.6	40.64	60	5
ED19069-48L**	48	36~56	57.6	1.2	2000	250	7.1	1.25	31.75	47	3

** = "BL" for Ball bearing wire lead 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: -

Mechanical

Frame: Aluminum die casting motor frame

Impeller: PA66 nylon

Bearing: Two ball bearings

Rotation: CW seen on rotor

Connection: Wire leads

Weight: 830g (1.82 Lbs)

Electronical

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

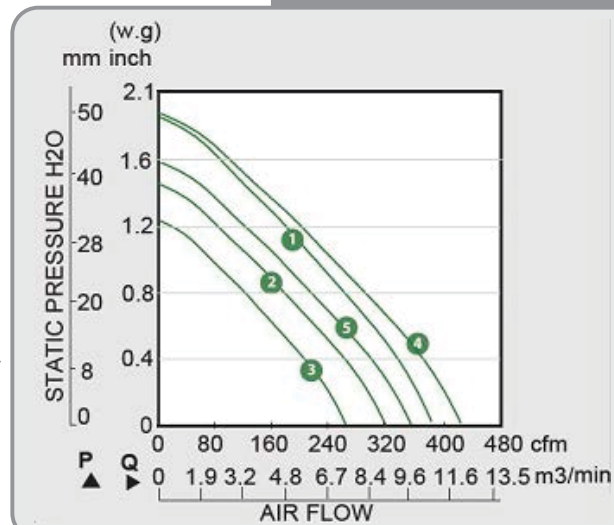
Environment

Operating Temp: -20°C~+65°C

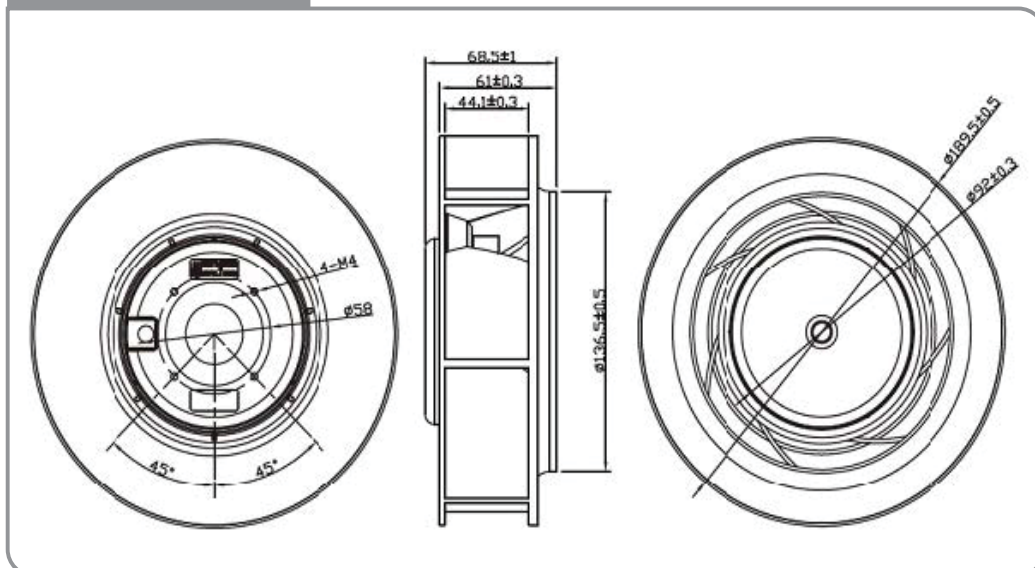
Storage Temp: -25°C~+75°C (at 65%RH)

Life Expectancy: L10 50K hours at 25°C

► Performance P-Q Curves.



► Outline Dimensions.



Fan Accessories



Metal Fan Guards



Plastic Fan Guards



Plastic Fan Filter



Metal Fan Screens