



• ED6020 Series.

DC Brushless fan.

Size: 60 x 60 x 20 mm

2.4 x 0.8 Inches.

Airflow: Max. 23 CFM / 0.7 m³/min

Plastic Impeller / Plastic Frame.

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)	
ED6020-05H**	5	4~6	1.3	0.25	4500	17	0.5	0.16	4.06	27	H
ED6020-05M**	5	4~6	1	0.19	3800	15	0.4	0.11	2.79	26	M
ED6020-05L**	5	4~7	0.8	0.15	2500	10	0.3	0.07	1.78	22	L
ED6020-12HH**	12	8~13.8	2.2	0.18	5600	23	0.7	0.21	5.33	33	HH
ED6020-12H**	12	8~13.8	2.2	0.18	4700	18	0.5	0.16	4.06	28	H
ED6020-12M**	12	8~13.8	1.8	0.15	3800	15	0.4	0.11	2.79	26	M
ED6020-12L**	12	8~14	1.2	0.10	2500	10	0.3	0.07	1.78	22	L
ED6020-24HH**	24	12~27.6	3.6	0.15	5600	23	0.7	0.21	5.33	33	HH
ED6020-24H**	24	12~27.6	3.6	0.15	4700	18	0.5	0.16	4.06	28	H
ED6020-24M**	24	12~27.6	3.1	0.13	3800	15	0.4	0.11	2.79	26	M
ED6020-24L**	24	12~28	1.7	0.07	2500	10	0.3	0.07	1.78	22	L
ED6020-48H**	48	24~55	3.4	0.07	5600	23	0.7	0.21	5.33	33	H

** = "BL" for wire lead type Ball bearing Type.

*We reserve the right to change data and improve electrical & mechanical design without notice. data tolerance +10%

Motor

Motor Type: Brushless DC Motor, auto cutoff, auto restart optional only
 Burnout Protection: Electronically protected, polarity protected
 IP Protection: Ratings on request

Mechanical

Frame: Glass fiber reinforced thermoplastic, rated UL94V-0
 Impeller: 7 blades, glass fiber reinforced plastic, rated UL94V-0
 Bearing: Two ball bearings
 Rotation: CCW seen on rotor
 Connection: Wire lead
 Weight: 40 g (0.08 Lbs)

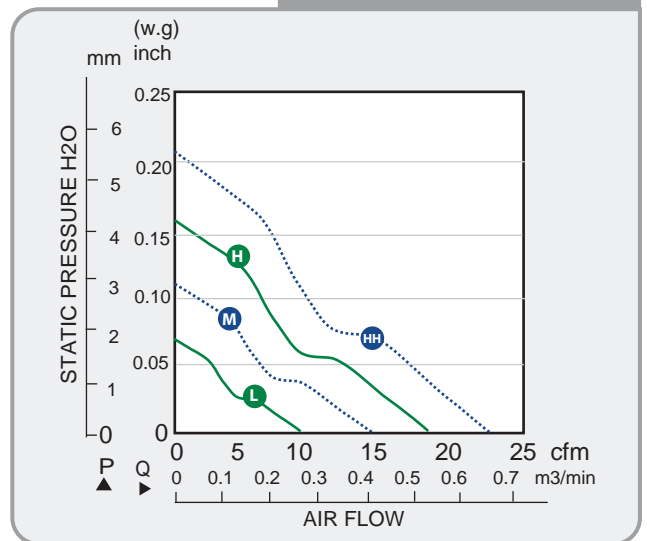
Electrical

Dielectric Strength: 500 VAC/min. Max leakage 500mA
 Speed Control: Optional: PWM, S/C NTC thermister on request
 Signal Output: Optional: R/D alarm output, tachometer output F/G

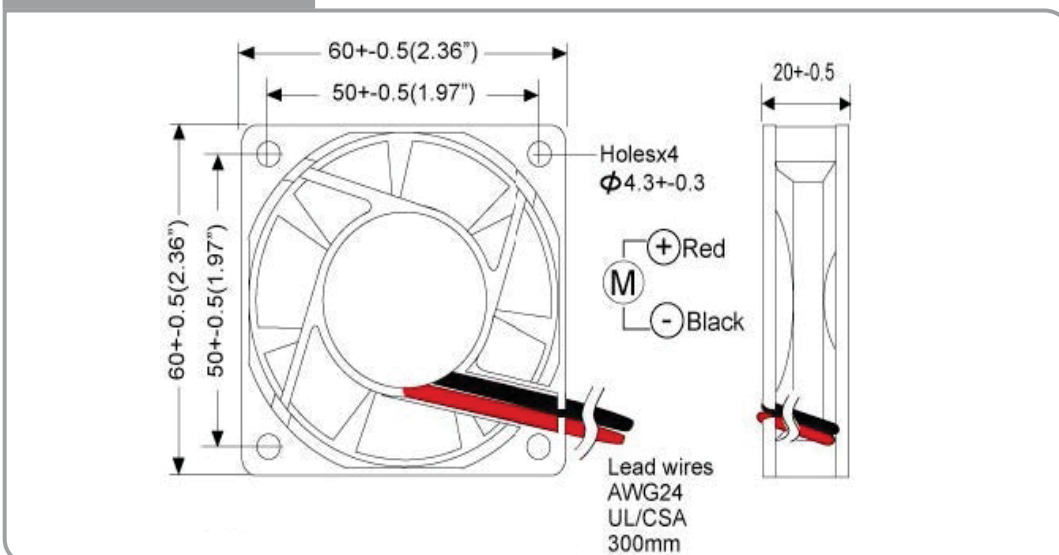
Environment

Operating Temp: Ambient non-condensing -15°C~+65°C
 Storage Temp: -25°C~+80°C (at 65%RH)
 Life Expectancy: L10 60K hours at 45°C, 50K hours at 60°C

► Performance P-Q Curves.



► Outline Dimensions.



Fan Accessories

- Metal Fan Guards
- Plastic Fan Guards
- Plastic Fan Filter
- Metal Fan Screens