

### General Specifications

**Motor Protection:**

Auto Restart/Polarity Protection

**Insulation Resistance:**

10M Ω or over with a DC500V Megger

**Dielectric Withstand Voltage: AC 700V 1s**

**Allowable Ambient Temperature Range:**

-10°C ~ +70°C (Operating)

-40°C ~ +70°C (Storage)

(non-condensing environment)

### Expected Life

**Failure Rate: 10%**

25°C 50,000 Hours (L10)

### Material

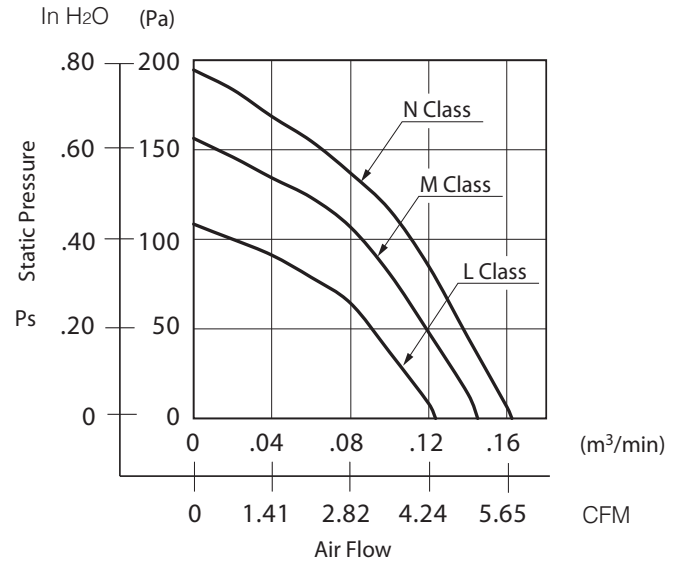
Casing : Plastic (Black) 94V-0 (Lower)  
: Steel (Upper)

Impeller : Plastic (Black) 94V-0

Bearing : Ball Bearing

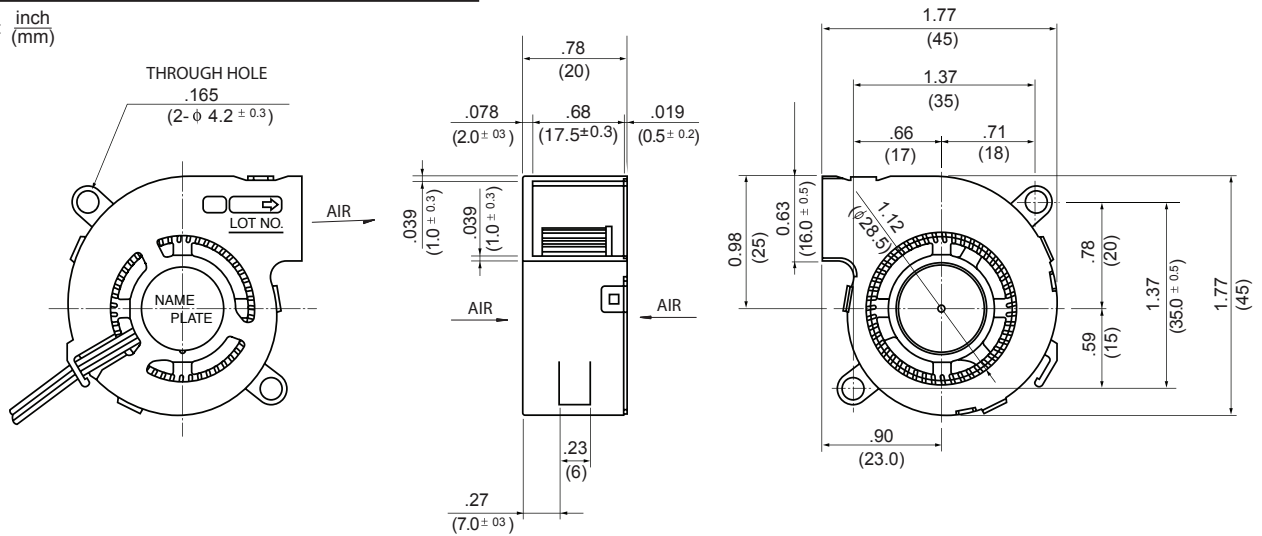
Lead Wire : UL1061, AWG26, + Red, - Black

### Characteristic Curves



### Outline

Units:  $\frac{\text{inch}}{\text{mm}}$



### Specifications

MODEL	Product No.	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
		(V)	(V)	(A)*1	(W)*1	(min <sup>-1</sup> )*1	CFM*1	(m <sup>3</sup> /min)*1	in H <sub>2</sub> O	(Pa)*1	(dB)*1	(g)
04520GA-12L-AA	00	12	6.0 ~ 13.8	0.09	1.08	6000	4.2	0.12	.40	100	27.0	25
04520GA-12M-AA	00	12	6.0 ~ 13.8	0.15	1.80	7000	4.9	0.14	.60	150	32.0	25
04520GA-12N-AA	00	12	6.0 ~ 13.8	0.17	2.04	7700	5.6	0.16	.76	190	35.0	25

Rotation: Clockwise

\*1: Average Values in Free Air