



## General Specifications

### Allowable Ambient Temperature Range:

-10°C ~ +70°C (Operating)

-40°C ~ +70°C (Storage)

(non-condensing environment)

**Motor Structure:** Shaded Pole Induction Motor

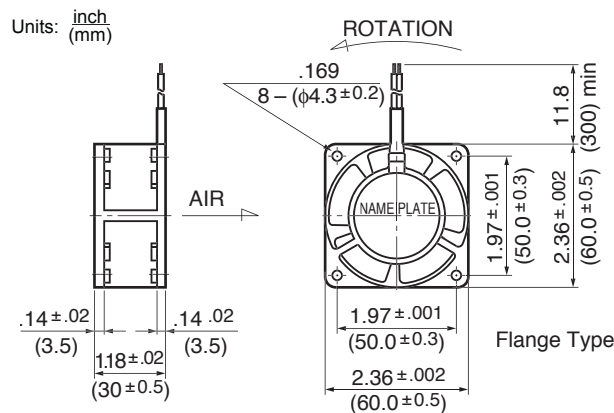
**Motor Protection:** Impedance Protection

## Expected Life

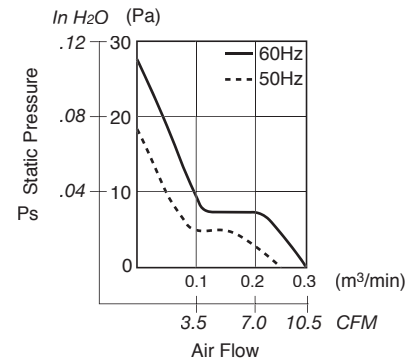
**Failure Rate: 10%**

25°C 50,000 Hours

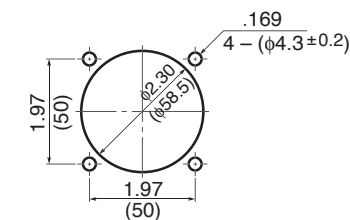
## Outline



## Characteristic Curves



## Panel Cut-outs



INLET SIDE / OUTLET SIDE

## Material

Casing : Aluminum

Impeller : Polycarbonate (Glass Fiber-Containing)

Bearing : Ball Bearings

Lead Wire : UL3266, CSA CL1252, AWG22

## Specifications

MODEL	Rated Voltage	Frequency	Starting Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
	(V)	(Hz)	(V)	(A) <sup>*1</sup>	(W) <sup>+10% -20%</sup>	(min <sup>-1</sup> ) <sup>*3</sup>	CFM <sup>*2</sup>	(m <sup>3</sup> /min) <sup>*3</sup>	in H <sub>2</sub> O	(Pa) <sup>*3</sup>	(dB) <sup>*2</sup>	(g)
2412PS-10W-B30-B00	100	50	65	0.080	6.0	2000	7.0	0.20	.05	13.7	28	140
	100	60	65	0.070	5.0	2600	9.1	0.26	.09	22.6	29	140
2412PS-12W-B30-A00	115	50	65	0.070	4.5	2000	7.0	0.20	.05	13.7	28	140
	115	60	65	0.060	4.0	2600	9.1	0.26	.09	22.6	29	140

Rotation: Counterclockwise

Airflow Outlet: Air Out Over Struts

\*1: Maximum Values in Free Air

\*2: Average Values in Free Air

\*3: Minimum Values in Free Air