

40mm sq.**San Ace 40****General Specifications**

- Material.....Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-0)
- Expected LifeRefer to specifications (L10: Survival rate: 90% at 60°C ,
rated voltage, and continuously run in a free air state)
- Lead Wire⊕red ⊖black (Sensor) yellow (Control) brown
- Storage Temperature ...-30°C to +70°C (Non-condensing)

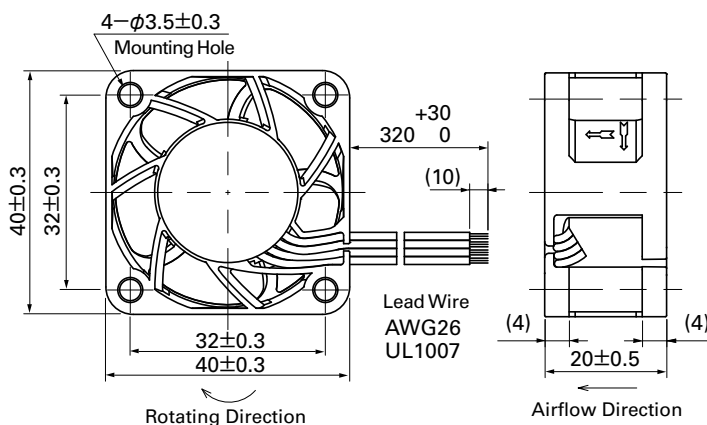
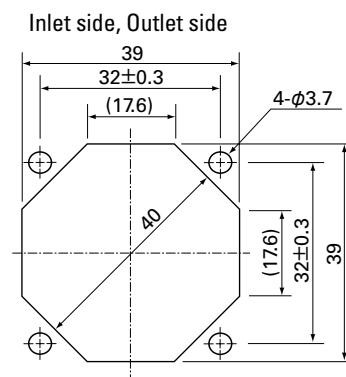
40×40×20mm [Mass : 35g] **9GA type** **High Airflow Low Power Consumption Fan****Specifications** The following nos. **have PWM controls, pulse sensors, and ribs.**

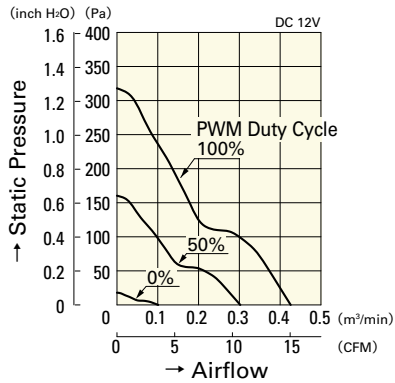
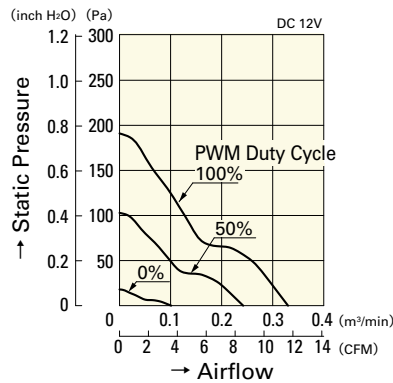
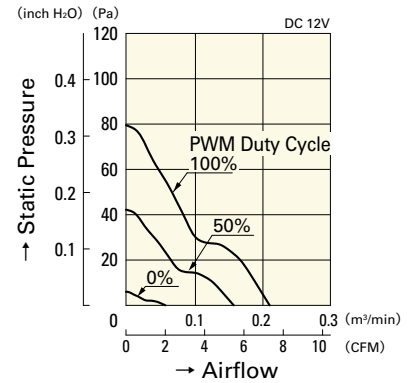
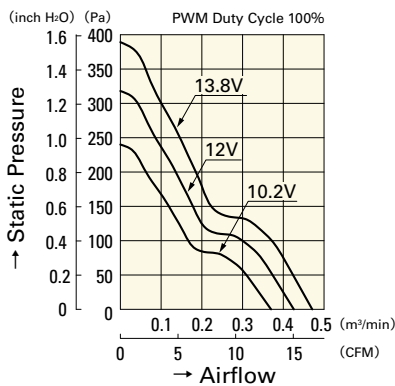
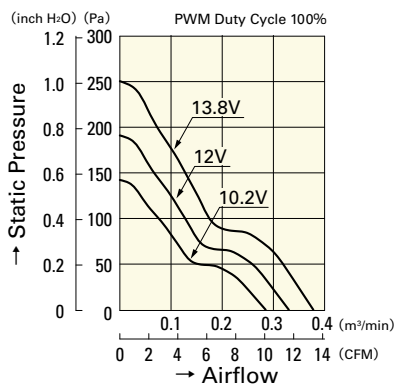
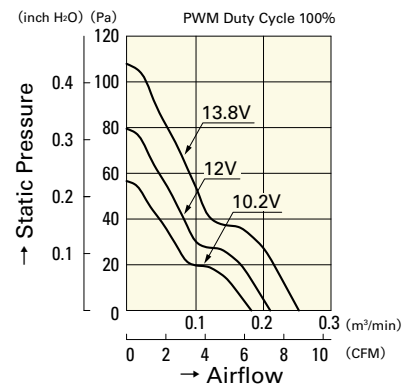
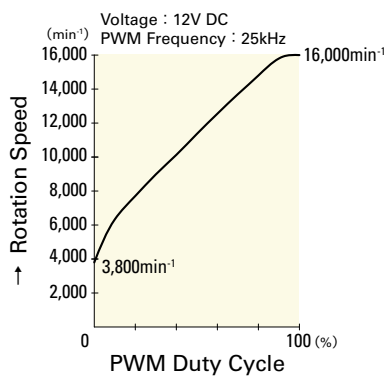
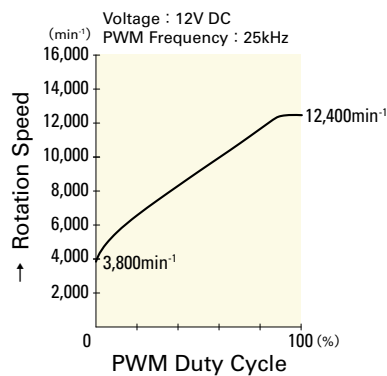
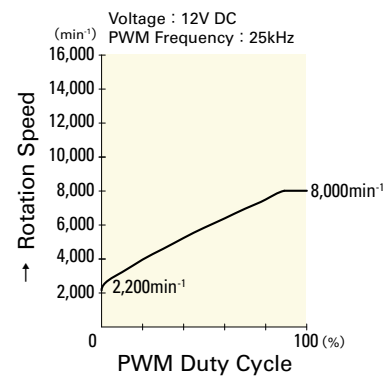
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle [⊗] [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m³/min] [CFM]		Max. Static Pressure [Pa] [inchH ₂ O]		SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9GA0405P6H001 ^{Note)}	5	4.5 to 5.5	100	0.35	1.75	12,400	0.33	11.7	191	0.77	40	-20 to +70	40,000/60°C
9GA0405P6F001 ^{Note)}			100	0.18	0.9	8,000	0.21	7.4	79.5	0.32	28		60,000/60°C
9GA0412P6G001	12	10.2 to 13.8	100	0.23	2.76	16,000	0.42	14.8	318	1.28	47		40,000/60°C
			0	0.04	0.48	3,800	0.10	3.5	17.9	0.07	14		
9GA0412P6H001			100	0.14	1.68	12,400	0.33	11.7	191	0.77	40		60,000/60°C
			0	0.04	0.48	3,800	0.10	3.5	17.9	0.07	14		
9GA0412P6F001			100	0.08	0.96	8,000	0.21	7.4	79.5	0.32	28		
			0	0.03	0.36	2,200	0.06	2.1	6.0	0.02	10		
9GA0424P6G001 ^{Note)}	24	20.4 to 27.6	100	0.13	3.12	16,000	0.42	14.8	318	1.28	47		40,000/60°C
9GA0424P6H001 ^{Note)}			100	0.08	1.92	12,400	0.33	11.7	191	0.77	40		60,000/60°C
9GA0424P6F001 ^{Note)}			100	0.04	0.96	8,000	0.21	7.4	79.5	0.32	28		

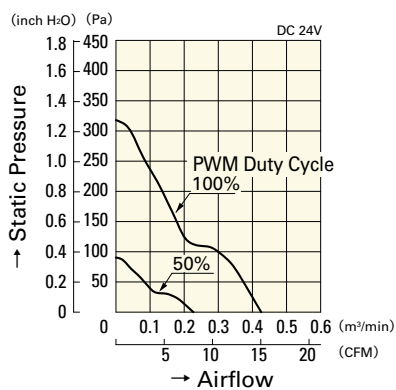
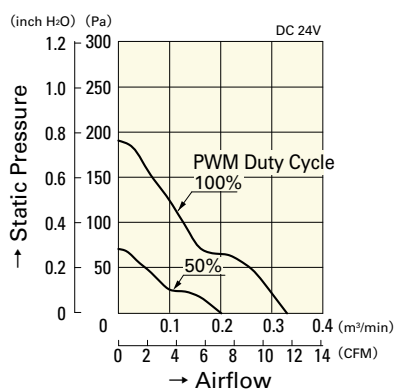
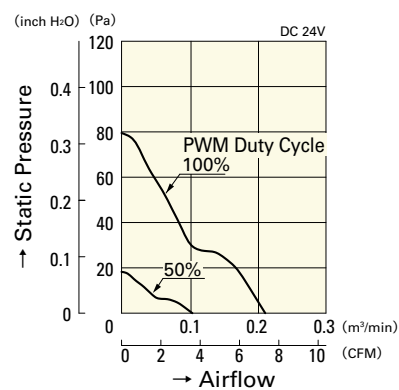
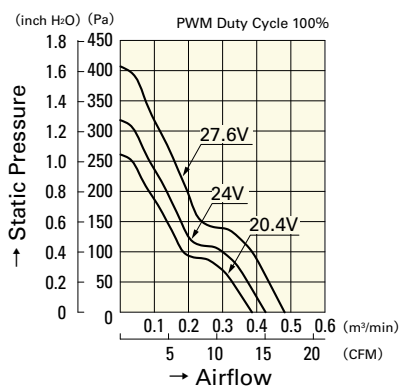
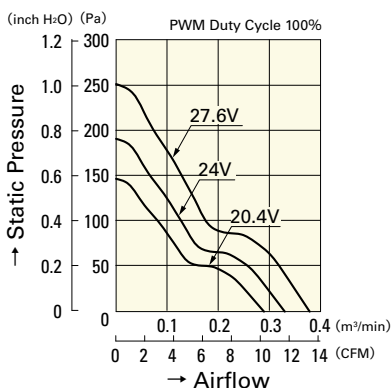
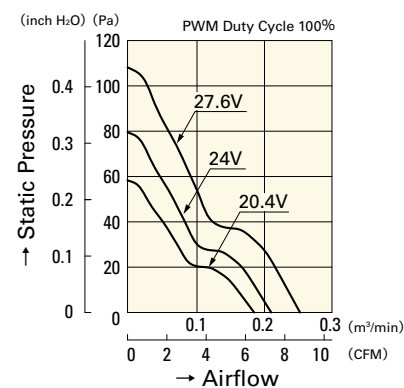
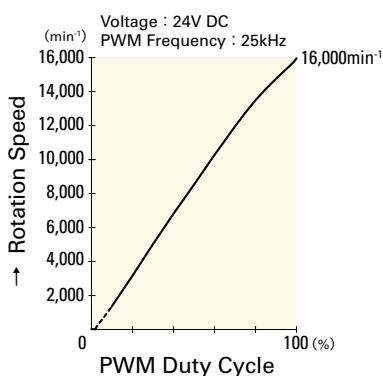
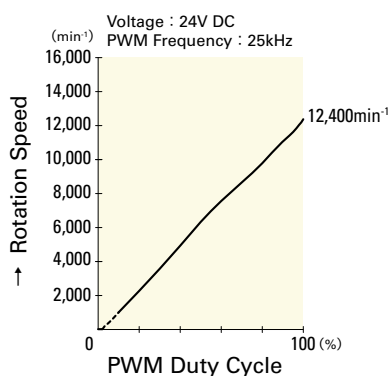
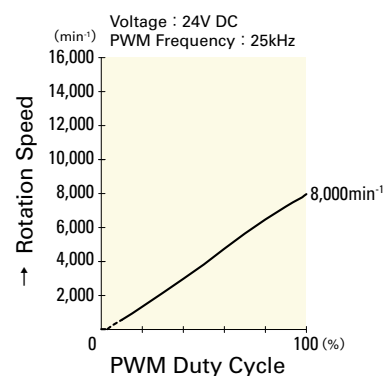
Note: Rated voltage 5V and 24V fans do not rotate when PWM duty cycle is 0%.

※PWM Frequency : 25kHz

Other sensor specifications are available as options. Please refer to the index (p. 504).

Dimensions (unit: mm)**Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)**

40mm sq.**San Ace 40****40×40×20mm** [Mass : 35g]**Airflow - Static Pressure Characteristics****PWM Duty Cycle****9GA0412P6G001****9GA0412P6H001****9GA0412P6F001****Operating Voltage Range****9GA0412P6G001****9GA0412P6H001****9GA0412P6F001****PWM Duty - Speed Characteristics Example****9GA0412P6G001****9GA0412P6H001****9GA0412P6F001**

**9GA0424P6G001****9GA0424P6H001****9GA0424P6F001****9GA0424P6G001****9GA0424P6H001****9GA0424P6F001****9GA0424P6G001****9GA0424P6H001****9GA0424P6F001**

Mouser Electronics

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Sanyo Denki:

[9GA0412F6001](#) [9GA0424H6001](#)