

60mm sq.

San Ace 60

15mm thick (GA type), 15mm thick
 20mm thick (GA type), 20mm thick
 25mm thick (S type), 25mm thick (G type)
 25mm thick, 25mm thick (San Cooler)
38mm thick (GA type), 38mm thick (GV type)
 38mm thick (G type)



General Specifications

- Material Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-0)
- Expected Life Refer 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)

60×60×38mm [Mass : 130g] **GA type** **Low Power Consumption Fan**


Specifications

 The following nos. **have PWM controls, pulse sensors, and ribs.** For ribless, append "1" to the model no.

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle ^{Note1)} [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Air Flow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life ^{Note2)} [h]
9GA0612P1J03		10.8 to 12.6	100 20	1.50 0.10	18.00 1.20	17,500 4,000	1.75 0.40	62 14	820 43	3.3 0.17	63 24
9GA0612P1K03	12	10.8 to 13.2	100 20	0.95 0.10	11.40 1.20	14,800 4,000	1.50 0.40	53 14	600 43	2.4 0.17	59 24
9GA0612P1H03			100 20	0.55 0.06	6.60 0.72	11,500 2,600	1.15 0.27	40 9.5	375 20	1.5 0.08	52 19
9GA0612P1K60			100 0	0.95 0.05	11.40 0.60	14,800 1,480	1.50 0.134	53 4.7	675 8.3	2.7 0.03	59 16
9GA0624P1J03	24	21.6 to 25.2	100 20	0.75 0.10	18.00 2.40	17,500 6,200	1.75 0.63	62 22	820 104	3.3 0.42	63 35

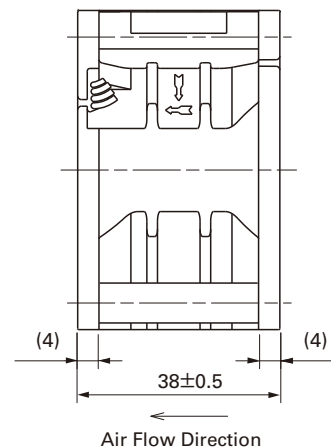
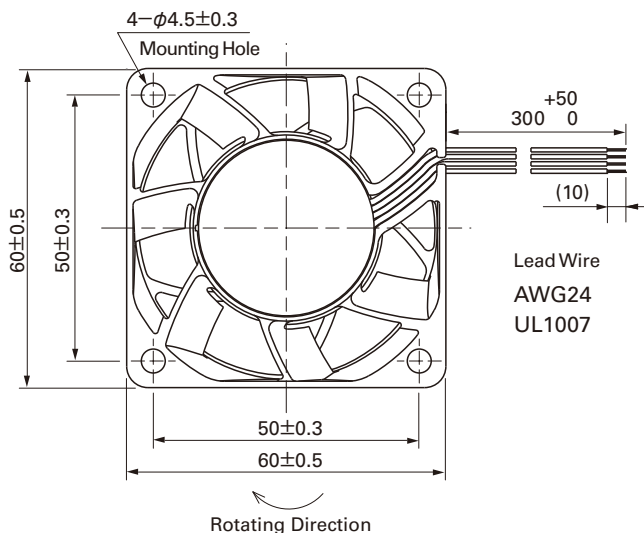
Note 1: 9GA0612P1J03, 9GA0612P1K03, 9GA0612P1H03, 9GA0624P1J03 does not rotate when PWM duty cycle is 0%.

※PWM Frequency : 25kHz

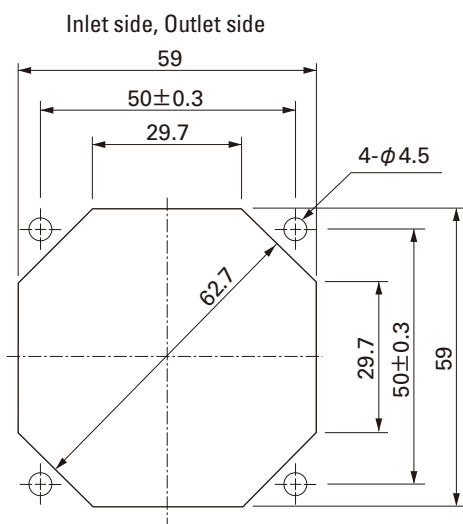
Note 2: Expected life at 40°C ambient is just reference value.

Available options: ⇒ **Without Sensor** **Pulse Sensor**

Dimensions (Unit : mm)

 (With ribs)

Reference dimension of mounting holes and vent opening (Unit : mm)



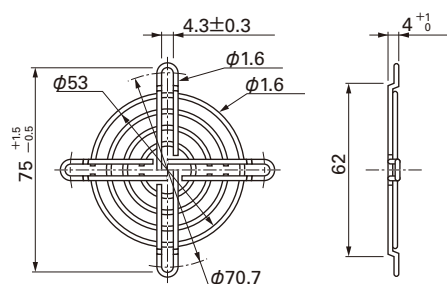
Options (Unit : mm)

Finger guards

Model : 109-139E Surface treatment : Nickel-chrome plating (silver)
 : 109-139H : Cation electropainting (black)

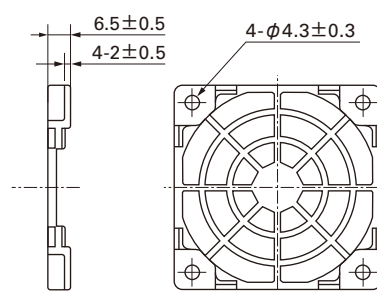
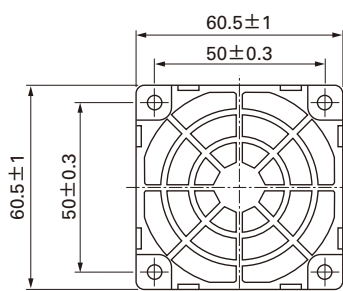
Color

Inlet side, Outlet side



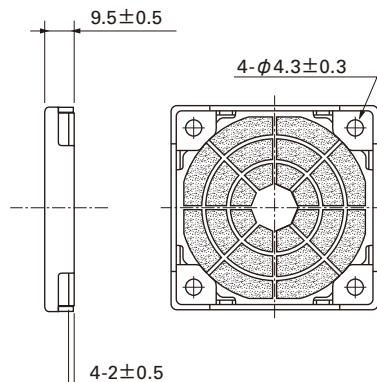
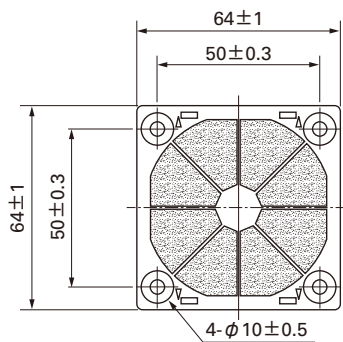
Resin finger guards

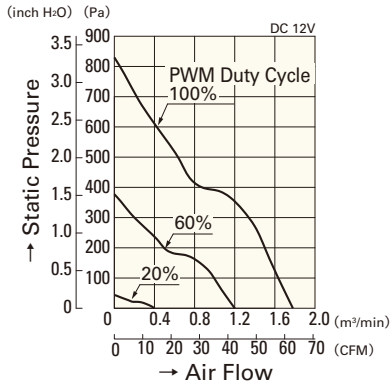
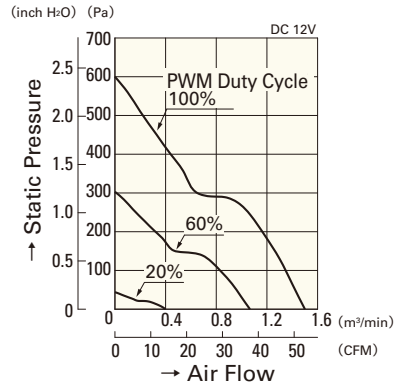
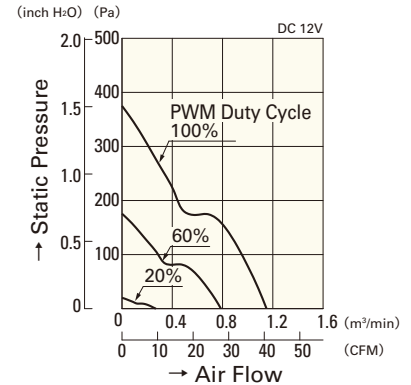
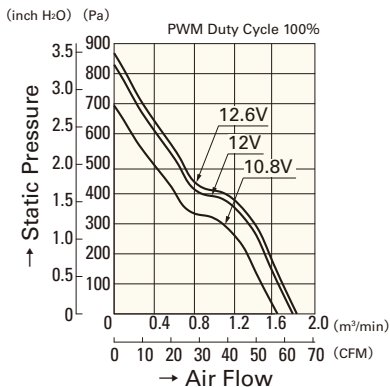
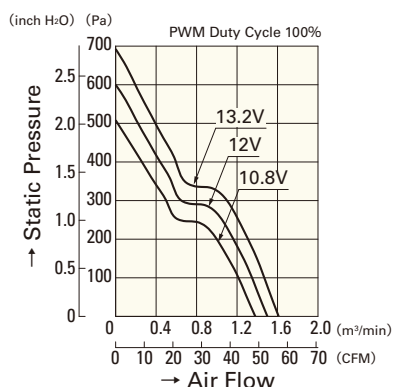
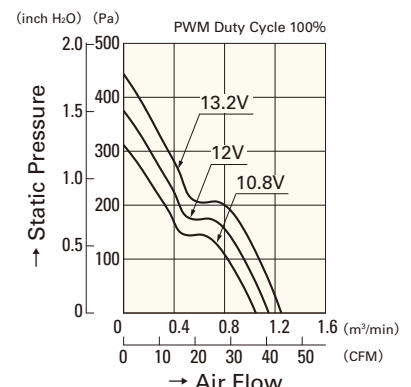
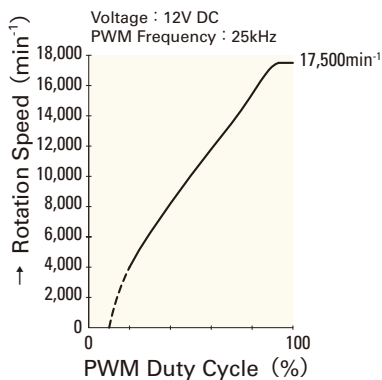
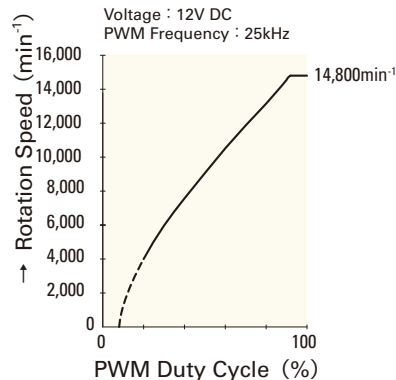
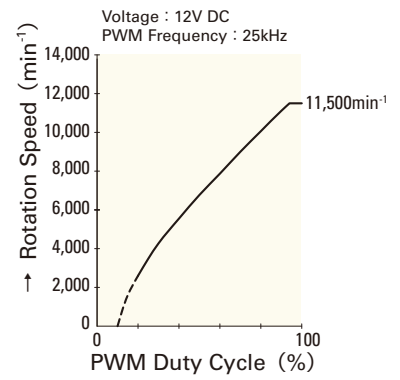
Model : 109-1003G

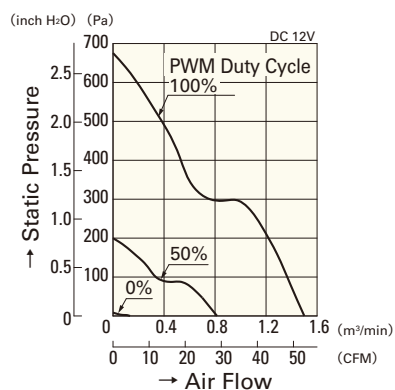


Resin filter kits

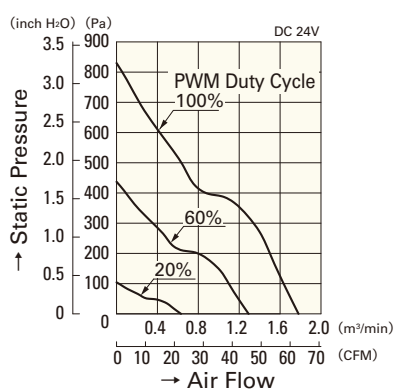
Model : 109-1003F13 (13PPI), 109-1003F20 (20PPI)
 : 109-1003F30 (30PPI), 109-1003F40 (40PPI)



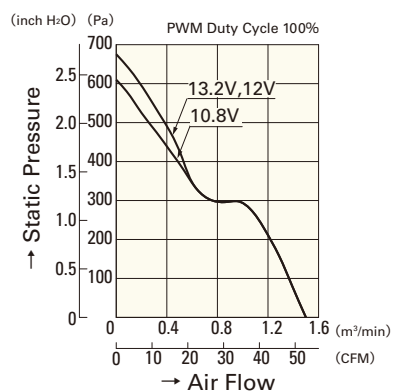
60mm sq.**San Ace 60****60×60×38mm** [Mass : 130g]**Air Flow - Static Pressure Characteristics****PWM Duty Cycle****9GA0612P1J03****9GA0612P1K03****9GA0612P1H03****Operating Voltage Range****9GA0612P1J03****9GA0612P1K03****9GA0612P1H03****PWM Duty - Speed Characteristics Example****9GA0612P1J03****9GA0612P1K03****9GA0612P1H03**



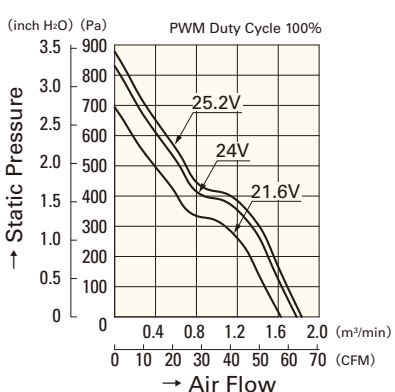
9GA0612P1K60



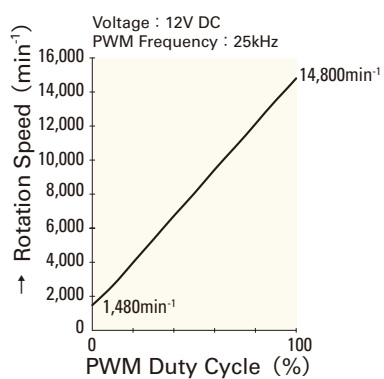
9GA0624P1J03



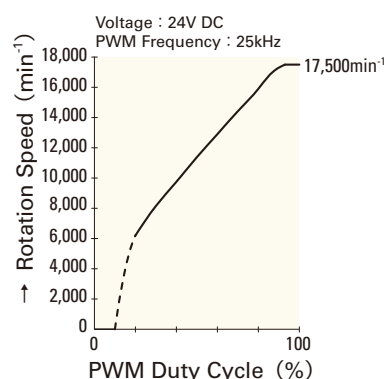
9GA0612P1K60



9GA0624P1J03



9GA0612P1K60



9GA0624P1J03