


# ∅ 172x51 mm

San Ace 172 9E type   

Round type



## General Specifications

- Material ..... Frame: Aluminum, Impeller: Plastic (Flammability: UL 94V-1)
- Expected life ..... See the table below. (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)
- Motor protection function ..... Locked rotor burnout protection, Reverse polarity protection  
For details, please refer to p. 547.
- Dielectric strength ..... 50/60 Hz, 500 VAC, for 1 minute (between lead wire conductors and frame)
- Insulation resistance ..... 10 MΩ or more with a 500 VDC megger (between lead wire conductors and frame)
- Sound pressure level (SPL) ..... At 1 m away from the air inlet
- Storage temperature ..... -30 to +70°C (Non-condensing)
- Lead wire ..... ⊕Red ⊖Black or Blue (Sensor) Yellow
- Mass ..... 780 g

## Specifications

The models listed below **have pulse sensors**.

Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min <sup>-1</sup> ]	Max. airflow [m <sup>3</sup> /min] [CFM]	Max. static pressure [Pa] [inchH <sub>2</sub> O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
<b>109E1712K501</b>	12	10.2 to 13.8	2.9	34.8	4100	8.5 300	243.0 0.976	55	-20 to +60	40000/60°C
<b>109E1712Y501</b>			2.3	27.6	3800	7.8 276	210.0 0.843	53		
<b>109E1712H501</b>			1.2	14.4	3050	6.4 226	137.2 0.551	47		
<b>109E1712F501</b>			0.68	10.8	2500	5.1 180	95.0 0.382	42		
<b>109E1712M501</b>			0.48	5.76	2000	4.2 148	67.6 0.271	36		
<b>109E1724C501</b>	24	20.4 to 27.6	2.3	55.2	4800	9.9 350	308.0 1.237	60	-20 to +70	
<b>109E1724K501</b>			1.3	31.2	4100	8.5 300	243.0 0.976	55		
<b>109E1724H501</b>			0.58	13.92	3050	6.4 226	137.2 0.551	47		
<b>109E1724F501</b>			0.35	8.4	2500	5.1 180	95 0.382	42		
<b>109E1724M501</b>			0.2	4.8	2000	4.2 148	67.6 0.271	36		
<b>109E1748C501</b>	48	40.8 to 55.2	1.2	57.6	4800	9.9 350	308.0 1.237	60	-20 to +60	
<b>109E1748K501</b>			0.7	33.6	4100	8.5 300	243.0 0.976	55		
<b>109E1748H501</b>			0.28	13.44	3050	6.4 226	137.2 0.551	47		
<b>109E1748F501</b>			0.19	9.12	2500	5.1 180	95 0.382	42		
<b>109E1748M501</b>			0.11	5.28	2000	4.2 148	67.6 0.271	36		

The following sensor and control options are available for selection.

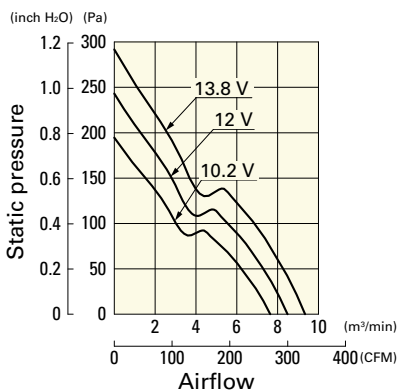
Available for all models. **Without sensor**

Differs according to the model. Refer to the table on p. 561. **Lock sensor** **PWM control**

## Airflow - Static Pressure Characteristics

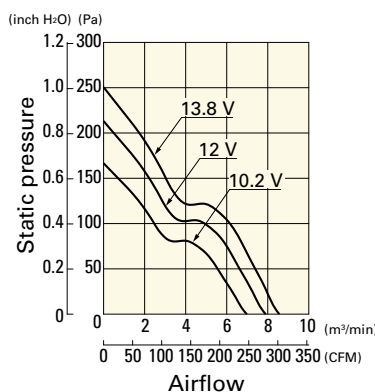
**109E1712K501** With pulse sensor

Operating voltage range



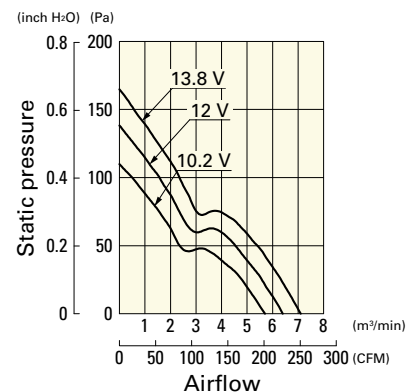
**109E1712Y501** With pulse sensor

Operating voltage range



**109E1712H501** With pulse sensor

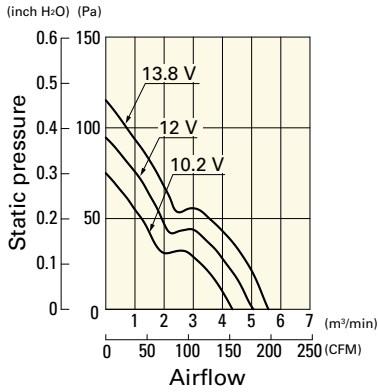
Operating voltage range



# Airflow - Static Pressure Characteristics

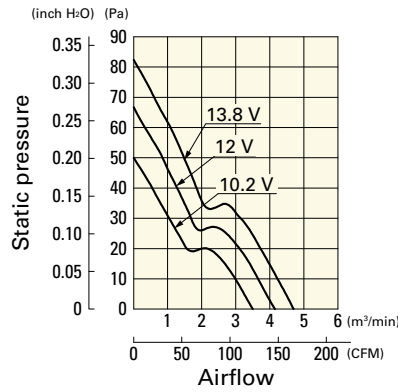
**109E1712F501** With pulse sensor

Operating voltage range



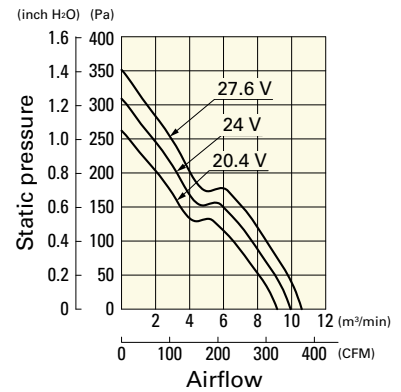
**109E1712M501** With pulse sensor

Operating voltage range



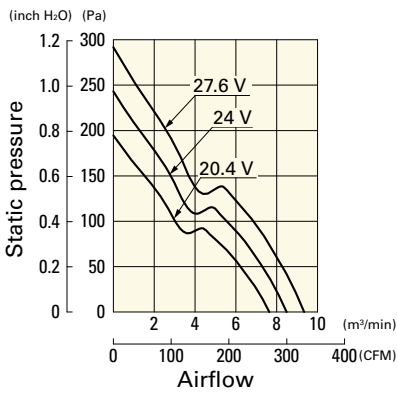
**109E1724C501** With pulse sensor

Operating voltage range



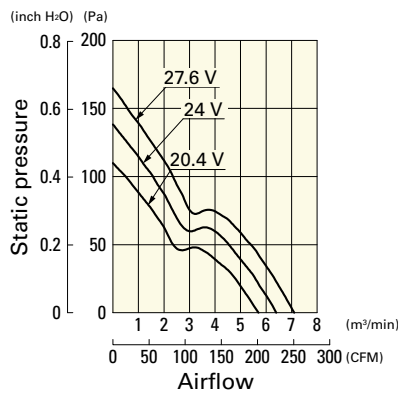
**109E1724K501** With pulse sensor

Operating voltage range



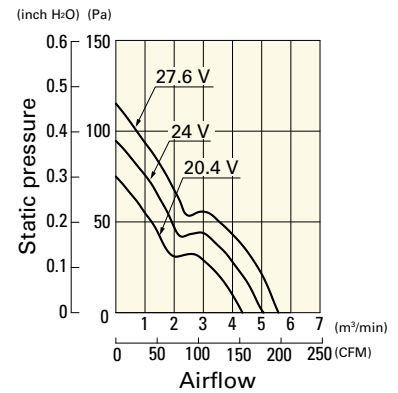
**109E1724H501** With pulse sensor

Operating voltage range



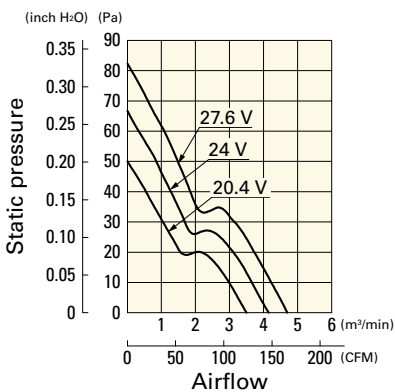
**109E1724F501** With pulse sensor

Operating voltage range



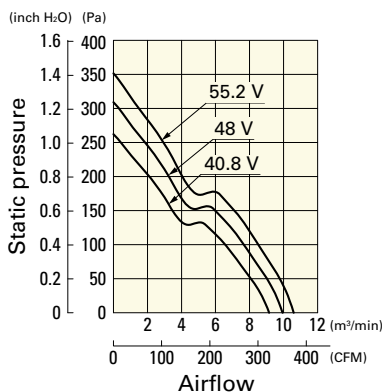
**109E1724M501** With pulse sensor

Operating voltage range



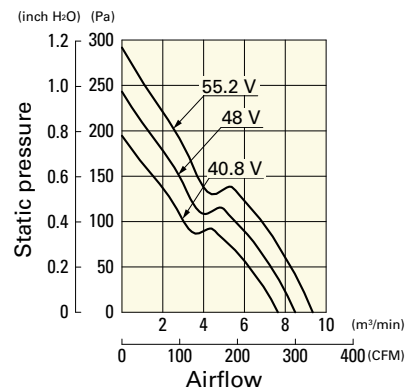
**109E1748C501** With pulse sensor

Operating voltage range



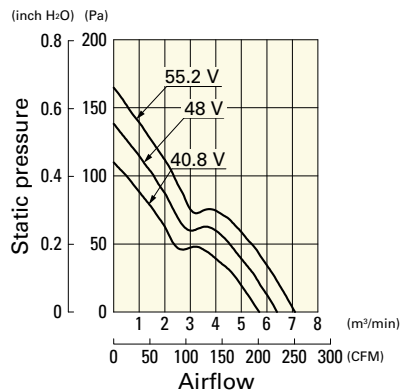
**109E1748K501** With pulse sensor

Operating voltage range



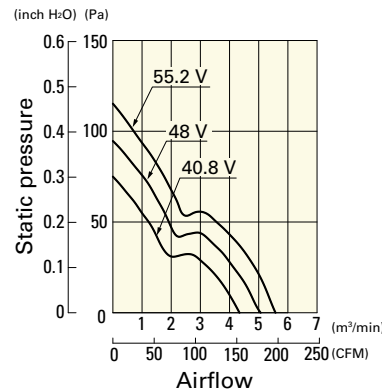
**109E1748H501** With pulse sensor

Operating voltage range



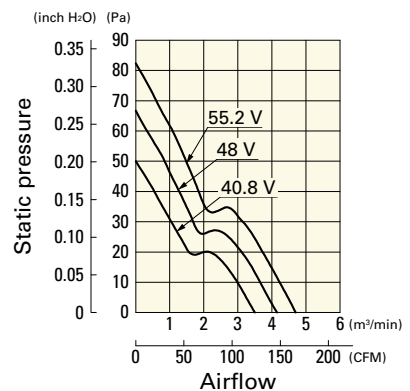
**109E1748F501** With pulse sensor

Operating voltage range

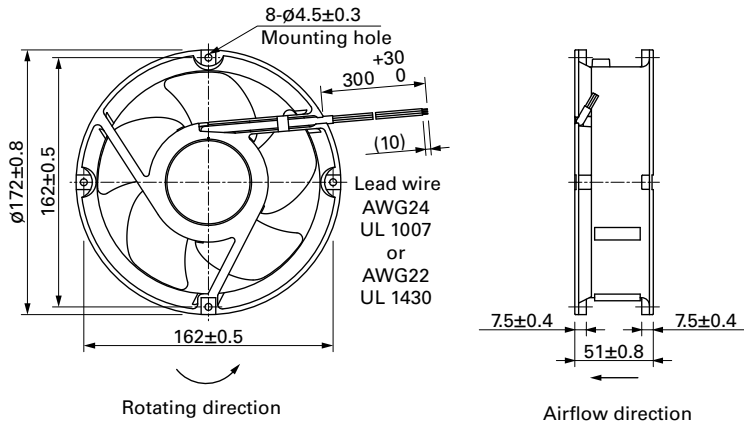


**109E1748M501** With pulse sensor

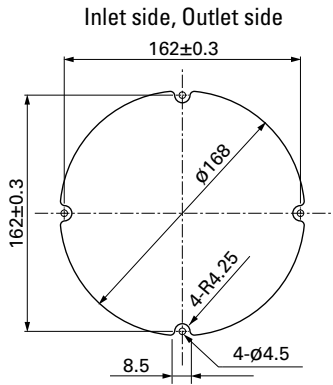
Operating voltage range



**Dimensions (unit: mm)**



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



**Options**

Finger guards

page: p. 534

Model no.: 109-1066, 109-1068, 109-319E, 109-319H,  
109-320

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [DC Fans](#) category:*

*Click to view products by [Sanyo Denki](#) manufacturer:*

Other Similar products are found below :

[F1238H24B-FHR](#) [F1238X24B1-FSR-TTL](#) [PMD1204PBB1-A \(2\).GN](#) [AUB0612L](#) [F6025X12B1-RHR](#) [G4020H05B2-RSR-EM](#) [4318/12T](#)  
[AUB0912H-F00](#) [3412N/2ME](#) [W2G110-AM39-01](#) [USTF501005HW](#) [8412GLV](#) [8412NGL-12](#) [6448-384](#) [3258JH](#) [4114N/17-251](#) [4412F/2D](#)  
[OD127AP-28HTB](#) [424JMU](#) [3110KL-05W-B50-G00](#) [1608KL-04W-B29-L00](#) [EF40101BX-1000U-G99](#) [4414/2HH](#) [512F/2P-549](#) [4112](#)  
[N/12GL-175](#) [9GA0924L4021](#) [9GA0924M4021](#) [9GA0924M4011](#) [9GA0912M4D011](#) [9GA0924W4D01](#) [9GA0912F4021](#) [9GA0912H4D011](#)  
[9GA0824L20021](#) [9GA0824L20011](#) [9GA0812A2002](#) [9GA0812B2D001](#) [9GA0812L20021](#) [9WP1248M1021](#) [9GA0812A2D001](#)  
[9GA0824L2D001](#) [9GA0924W4D011](#) [9GA0912W402](#) [9GA0912M402](#) [9GA0824B2D001](#) [9GA0824A20021](#) [9GA0912W4021](#)  
[9GA0924W402](#) [9GA0812L2D0011](#) [9GA0812A20021](#) [9GA0824L2001](#)