

**52**mm**San Ace B52**

15mm thick (9BC type)

**General Specifications**

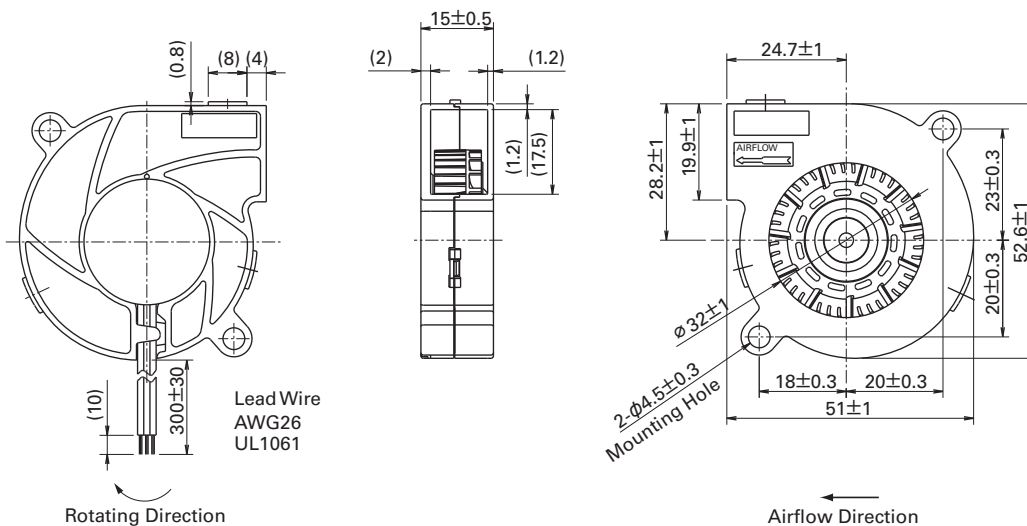
- Material ..... Frame: Plastics (Flammability: UL94V-0),  
Impeller: Plastics (Flammability: UL94V-0)
- Expected Life ..... Refer to specifications (L10:Survival rate: 90% at 60°C ,  
rated voltage, and continuously run in a free air state)
- Lead Wire ..... ⊕red ⊖black (Sensor) yellow
- Storage Temperature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

**52mm × 15mm** [Mass : 33g] **9BC type****Specifications** The following nos. **have pulse sensors.**

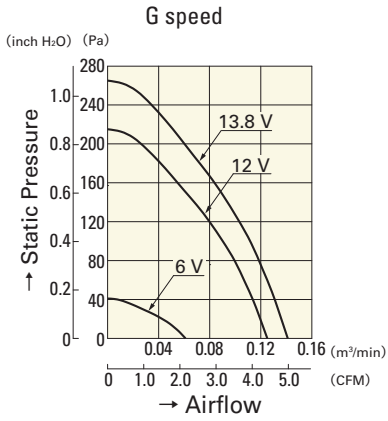
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	Rated Current [A]	Rated Input [W]	Rated Speed [min <sup>-1</sup> ]	Max. Airflow [m <sup>3</sup> /min] [CFM]	Max. Static Pressure [Pa] [inchH <sub>2</sub> O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life <sup>Test</sup> [h]
109BC12GC7-1	12	6 to 13.8	0.12	1.44	6,200	0.125 4.4	215 0.86	43	-20 to +70	40,000/60°C (70,000/40°C)
109BC12HC7-1			0.10	1.20	5,600	0.112 4.0	165 0.66	40		
109BC12FC7-1			0.08	0.96	5,100	0.101 3.6	130 0.52	38		
109BC12MC7-1			0.06	0.72	4,600	0.091 3.2	100 0.40	35		
109BC24GC7-1	24	12 to 27.6	0.07	1.68	6,200	0.125 4.4	215 0.86	43		
109BC24HC7-1			0.05	1.20	5,600	0.112 4.0	165 0.66	40		
109BC24FC7-1			0.04	0.96	5,100	0.101 3.6	130 0.52	38		

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

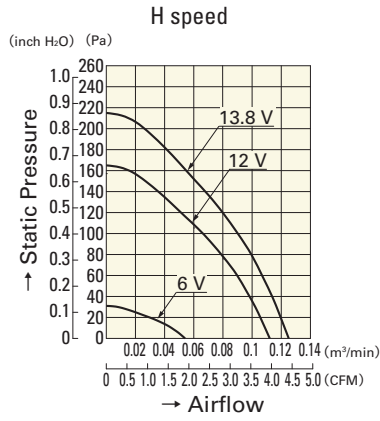
Some models can also be equipped without sensors as an option. Please refer to the index (pp. 417 to 437).

**Dimensions (unit : mm)**

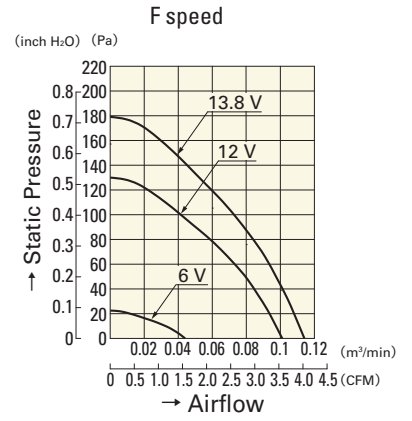
# Airflow - Static Pressure Characteristics



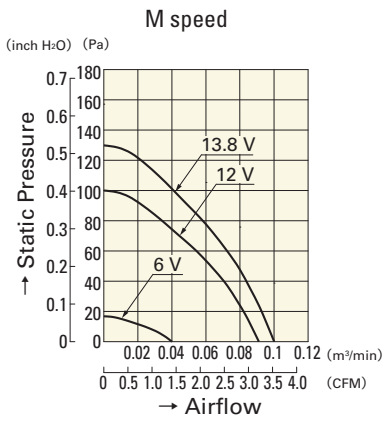
**109BC12GC7-1**



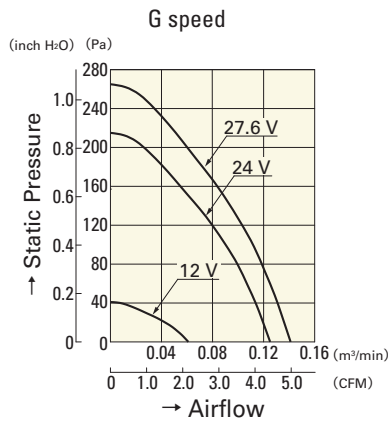
**109BC12HC7-1**



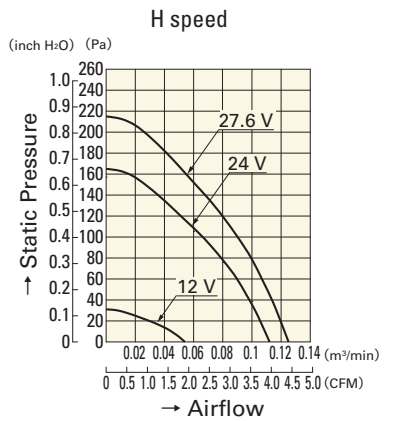
**109BC12FC7-1**



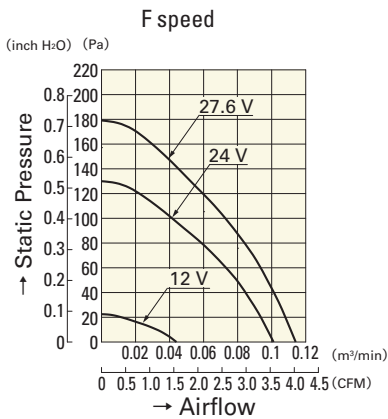
**109BC12MC7-1**



**109BC24GC7-1**



**109BC24HC7-1**



**109BC24FC7-1**

DC  
Blower 52mm