120mm sq.

San Ace 120WS

38mm thick(WV type), 38mm thick(WP type)
38mm thick(WG type), **38mm thick(WS type)**



General Specifications

- Material ····· Frame: Plastics (Flammability: UL94V-0), Impeller: Plastics (Flammability: UL94V-1)
- Expected Life ····· Refer to specifications (Indoor, L10:Survival rate: 90% at 60℃, rated voltage, and continuously run in a free air state)
- Lead Wire ····· ⊕red ⊖black or blue (Sensor) yellow
- Storage Temperature ···· −30℃ to +70℃ (Non-condensing)

120×120×38mm 〔Mass : 260g〕 IP 54 WStype

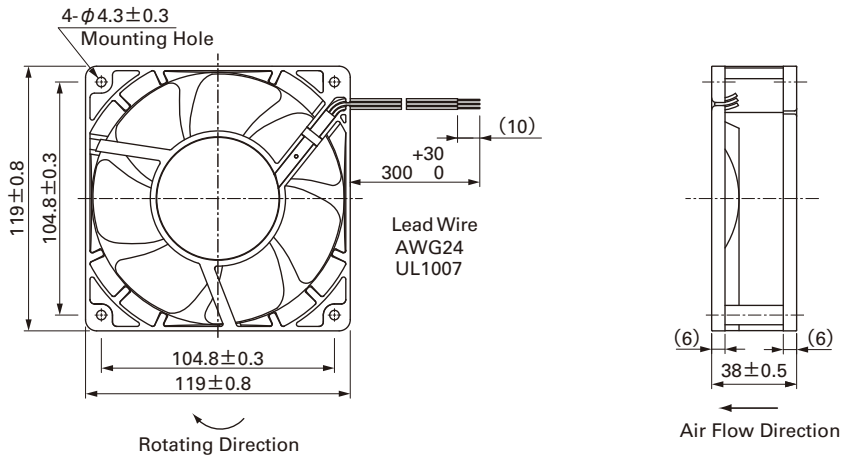
Specifications

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

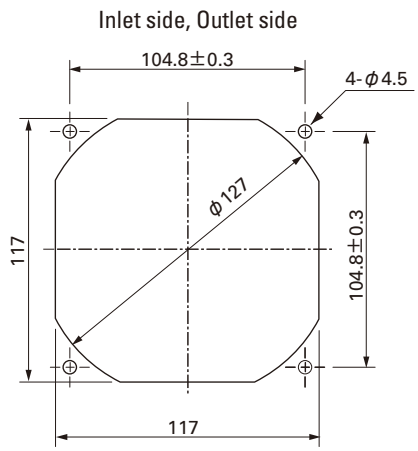
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	Rated Current [A]	Rated Input [W]	Rated Speed [min⁻¹]	Max. Air Flow [m³/min]	Max. Air Flow [CFM]	Max. Static Pressure [Pa]	Max. Static Pressure [inchH₂O]	SPL [dB(A)]	Operating Temperature [℃]	Expected Life [h]
9WS1212H101	12	6 to 13.2	0.47	5.64	2,600	2.9	102.4	67.62	0.272	39	− 20 to + 60	40,000
9WS1212M101		6 to 13.8	0.23	2.76	1,950	2.2	77.7	42.14	0.169	32	− 20 to + 70	
9WS1224H101	24	12 to 26.4	0.23	5.52	2,600	2.9	102.4	67.62	0.272	39	− 20 to + 60	
9WS1224M101		12 to 27.6	0.13	3.12	1,950	2.2	77.7	42.14	0.169	32	− 20 to + 70	
9WS1248H101	48	40.8 to 52.8	0.13	6.24	2,600	2.9	102.4	67.62	0.272	39	− 20 to + 60	
9WS1248M101		40.8 to 55.2	0.07	3.36	1,950	2.2	77.7	42.14	0.169	32	− 20 to + 70	

- Available options: ⇒ Without Sensor
- Please inquire as the availability of these functions depend on the model. ⇒ Lock Sensor

Dimensions (Unit : mm) (With ribs)



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

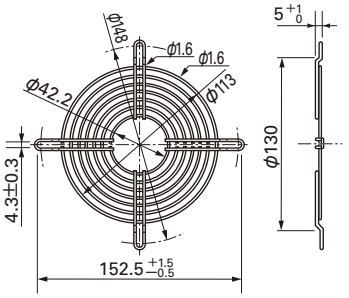


Options (Unit : mm)

Finger guards

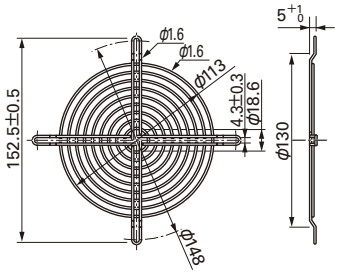
Model : 109-019C　Surface treatment : Nickel-chrome plating　Color (silver)
: 109-019H　: Cation electropainting (black)

Outlet side



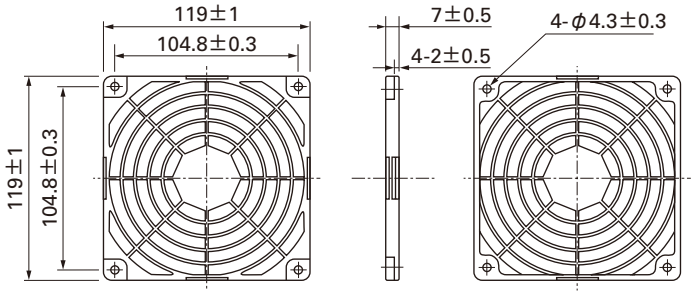
Model : 109-019E　Surface treatment : Nickel-chrome plating　Color (silver)
: 109-019K　: Cation electropainting (black)

Inlet side, Outlet side



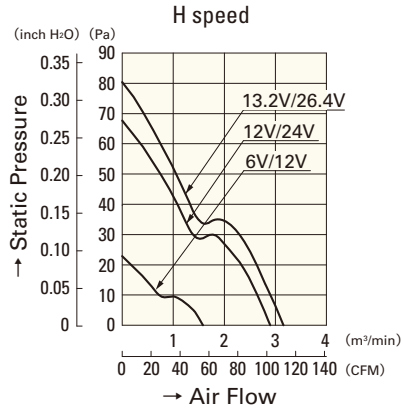
Resin Finger guards

Model : 109-1000G



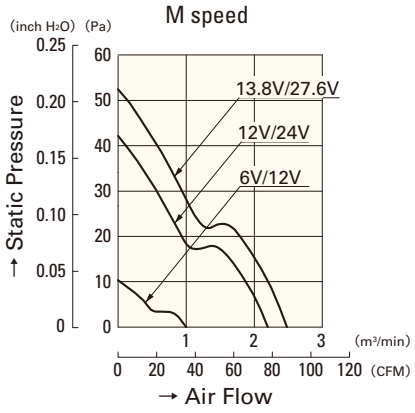
Air Flow - Static Pressure Characteristics

H speed



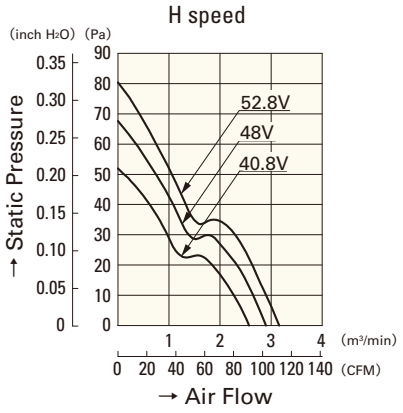
9WS1212H101
9WS1224H101

M speed



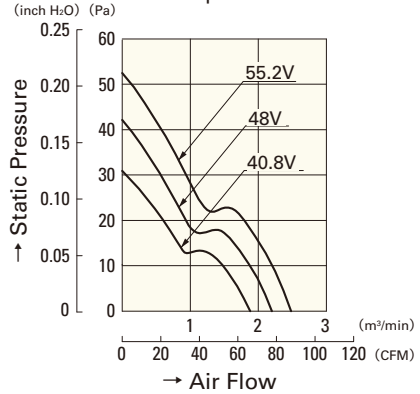
9WS1212M101
9WS1224M101

H speed



9WS1248H101

M speed



9WS1248M101