

# 92x92x25 mm

San Cooler 92 9A type   



## General Specifications

- Material ..... Frame: Plastic (Flammability: UL 94V-0), Impeller: Plastic (Flammability: UL 94V-0)
- 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 ..... 100 g

## Specifications

The models listed below **have ribs and pulse sensors.** For models without ribs, append "1" to the end of model numbers.

| 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] |
|------------|-------------------|-----------------------------|-------------------|-----------------|----------------------------------|--|--|--------------|----------------------------|-------------------|
| 9A0912G401 | 12                | 6 to 13.8                   | 0.39              | 4.68            | 3900                             | 1.76 62.1                                | 66.5 0.267                                       | 43           | -20 to +60                 | 30000/60°C        |
| 9A0912S401 |                   |                             | 0.27              | 3.24            | 3550                             | 1.66 58.6                                | 56.1 0.225                                       | 39           |                            |                   |
| 9A0912H401 |                   |                             | 0.21              | 2.52            | 3150                             | 1.45 51.2                                | 44 0.177   | 33           | -20 to +70                 |                   |
| 9A0912F401 |                   |                             | 0.14              | 1.68            | 2650                             | 1.24 43.8                                | 32.2 0.129                                       | 30           |                            |                   |
| 9A0912M401 |                   |                             | 0.12              | 1.44            | 2250                             | 1.04 36.7                                | 22.6 0.091                                       | 27           |                            |                   |
| 9A0912L401 |                   |                             | 0.07              | 0.84            | 1750                             | 0.8 28.2                                 | 13.4 0.054                                       | 23           |                            |                   |
| 9A0924G401 | 24                | 12 to 27.6                  | 0.19              | 4.56            | 3900                             | 1.76 62.1                                | 66.5 0.267                                       | 43           | -20 to +60                 | 40000/60°C        |
| 9A0924S401 |                   |                             | 0.15              | 3.6             | 3550                             | 1.66 58.6                                | 56.1 0.225                                       | 39           |                            |                   |
| 9A0924H401 |                   |                             | 0.1               | 2.4             | 3150                             | 1.45 51.2                                | 44 0.177   | 33           | -20 to +70                 |                   |
| 9A0924F401 |                   |                             | 0.08              | 1.92            | 2650                             | 1.24 43.8                                | 32.2 0.129                                       | 30           |                            |                   |
| 9A0924M401 |                   |                             | 0.05              | 1.2             | 2250                             | 1.04 36.7                                | 22.6 0.091                                       | 27           |                            |                   |
| 9A0924L401 |                   |                             | 0.04              | 0.96            | 1750                             | 0.8 28.2                                 | 13.4 0.054                                       | 23           |                            |                   |
| 9A0948S401 | 48                | 40.5 to 53                  | 0.08              | 3.84            | 3550                             | 1.66 58.6                                | 56.1 0.225                                       | 39           | -20 to +60                 |                   |

The following sensor and control options are available for selection.

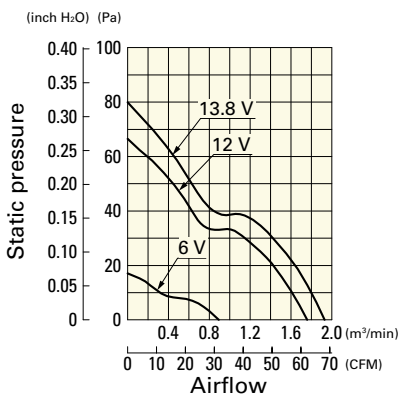
Available for all models. **Without sensor**

Differs according to the model. Refer to the table on p. 566. **Lock sensor** **PWM control**

## Airflow - Static Pressure Characteristics

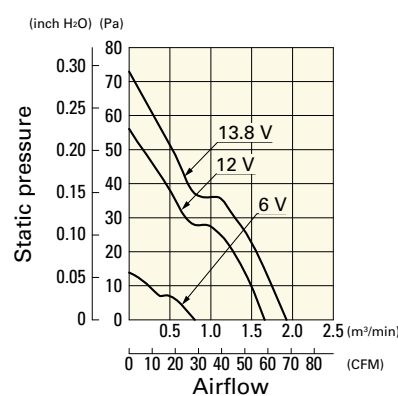
**9A0912G401** With pulse sensor

Operating voltage range



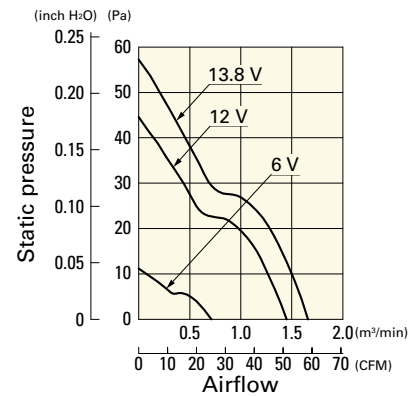
**9A0912S401** With pulse sensor

Operating voltage range



**9A0912H401** With pulse sensor

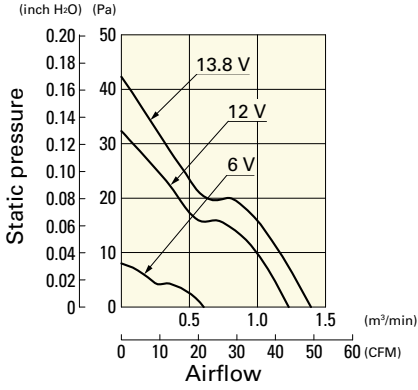
Operating voltage range



# Airflow - Static Pressure Characteristics

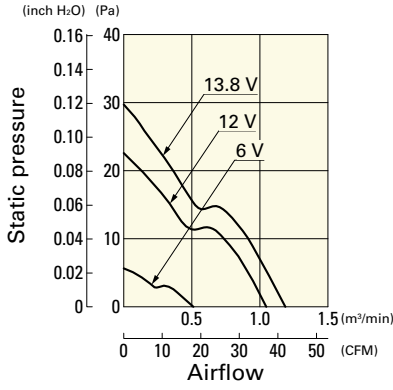
**9A0912F401** With pulse sensor

Operating voltage range



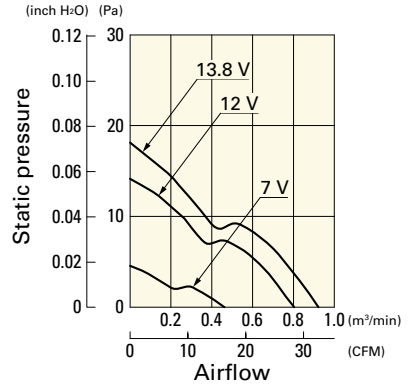
**9A0912M401** With pulse sensor

Operating voltage range



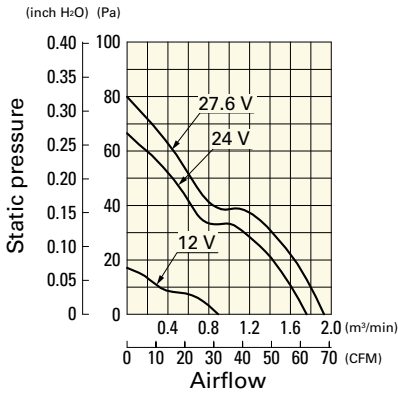
**9A0912L401** With pulse sensor

Operating voltage range



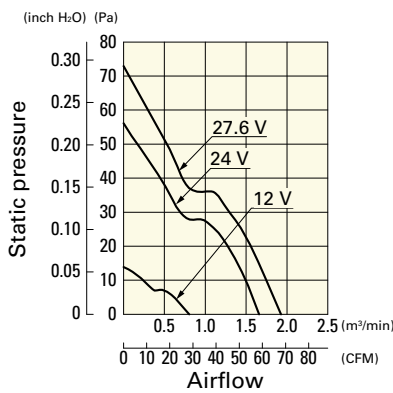
**9A0924G401** With pulse sensor

Operating voltage range



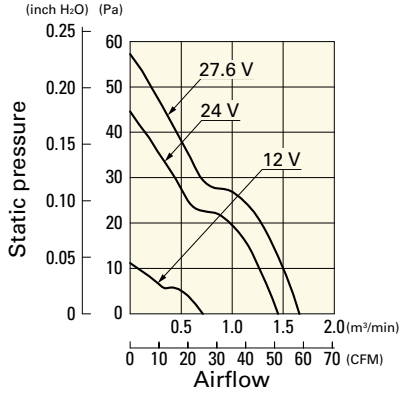
**9A0924S401** With pulse sensor

Operating voltage range



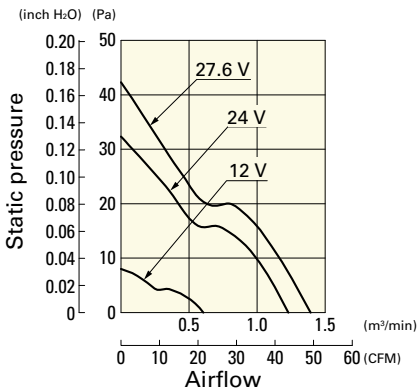
**9A0924H401** With pulse sensor

Operating voltage range



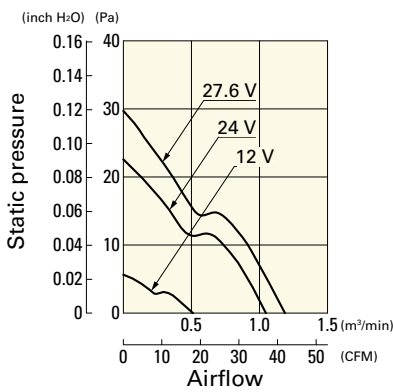
**9A0924F401** With pulse sensor

Operating voltage range



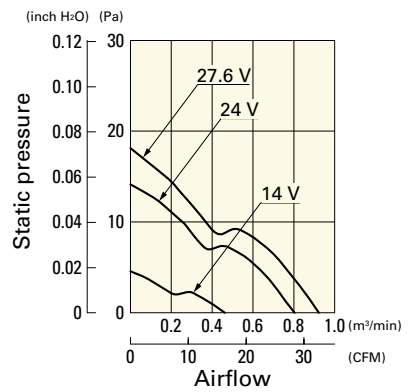
**9A0924M401** With pulse sensor

Operating voltage range



**9A0924L401** With pulse sensor

Operating voltage range



**9A0948S401** With pulse sensor

Operating voltage range

